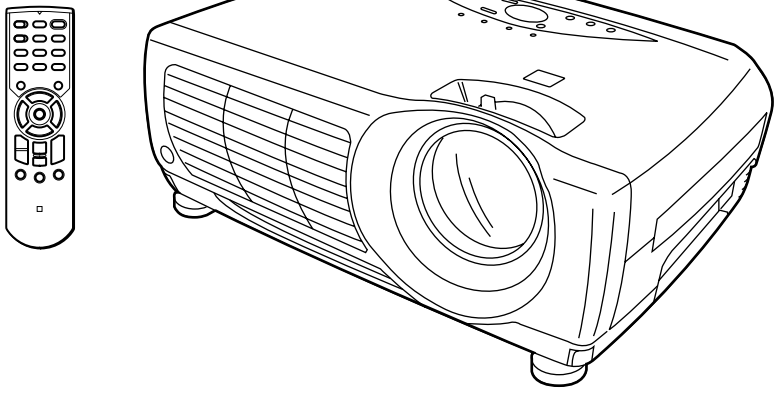
SERVICE MANUAL

MODEL	DEST.
VPL-PX11	**WORLD** **Serial No. 6,500,001 and later**
VPL-PX11	**CHINA** **Serial No. 6,000,001 to 6,500,000**

MODEL	DEST.
VPLL-CT10	**WORLD**
VPLL-CW10	**WORLD**
RM-PJM12	**WORLD**



VPL-PX11	LCD Data Projector
VPLL-CT10/CW10	Projection Lens (Not Included)
RM-PJM12	Remote Commander

LCD DATA PROJECTOR

SONY

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

WARNING!!

AN INSULATED TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY A ⚠ MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION!!

AFIN D’ÉVITER TOUT RISQUE D’ÉLECTROCUTION PROVENANT D’UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D’ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ Á L’ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS Á LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MAPQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D’UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.

ADVARSEL

Lithiumbatteri - Eksplosjonsfare.
Ved utskifting benyttes kun batteri som anbefalt av apparatfabrikanten.
Brukt batteri returneres apparatleverandøren.

Vorsicht!

Explosionsgefahr bei unsachgemäßem Austausch der Batterie.

Ersatz nur durch denselben oder einen vom Hersteller empfohlenen ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en likvärdig typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt gällande föreskrifter.

ATTENTION

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie.

Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.
Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

VAROITUS

Paristo voi räjähtää jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin.
Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

ADVARSEL!

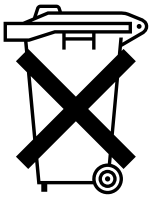
Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandøren.

For the customers in the Netherlands
Voor de klanten in Nederland

Dit apparaat bevat een Li-ion batterij voor memory back-up.

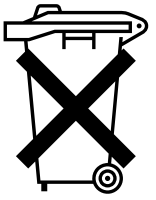
Raadpleeg uw leverancier over de verwijdering van de batterij op het moment dat u het apparaat bij einde levensduur afdankt.

Gooi de batterij niet weg. maar lever hem in als KCA.



Bij dit product zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA.

For the customers in the Netherlands
Voor de klanten in Nederland



Bij dit product zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA.

Für Kunden in Deutschland

Entsorgungshinweis: Bitte werfen Sie nur entladene Batterien in die Sammelboxen beim Handel oder den Kommunen. Entladen sind Batterien in der Regel dann, wenn das Gerät abschaltet und signalisiert “Batterie leer” oder nach längerer Gebrauchsdauer der Batterien “nicht mehr einwandfrei funktioniert”. Um sicherzugehen, kleben Sie die Batteriepole z.B. mit einem Klebestreifen ab oder geben Sie die Batterien einzeln in einen Plastikbeutel.

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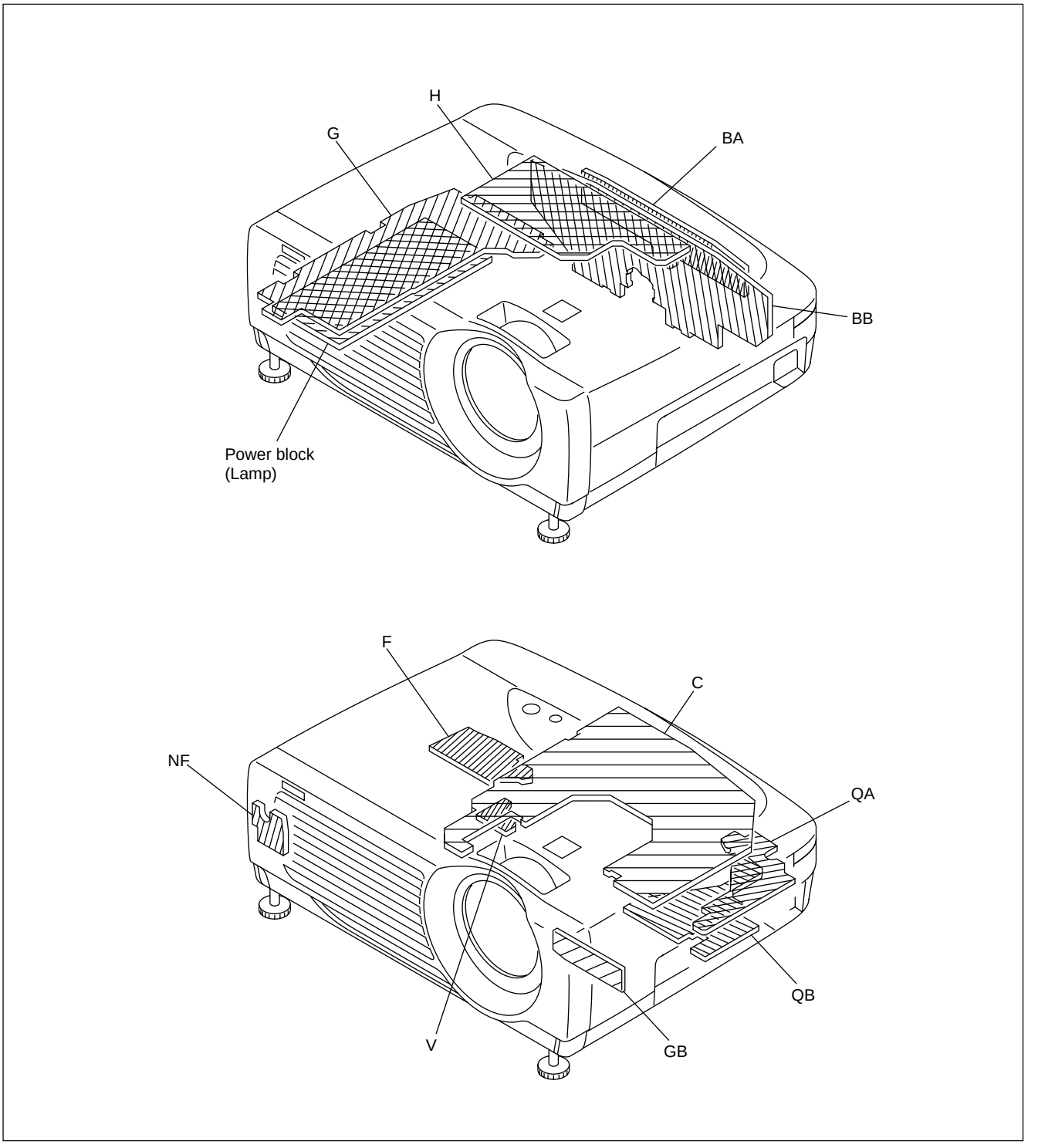
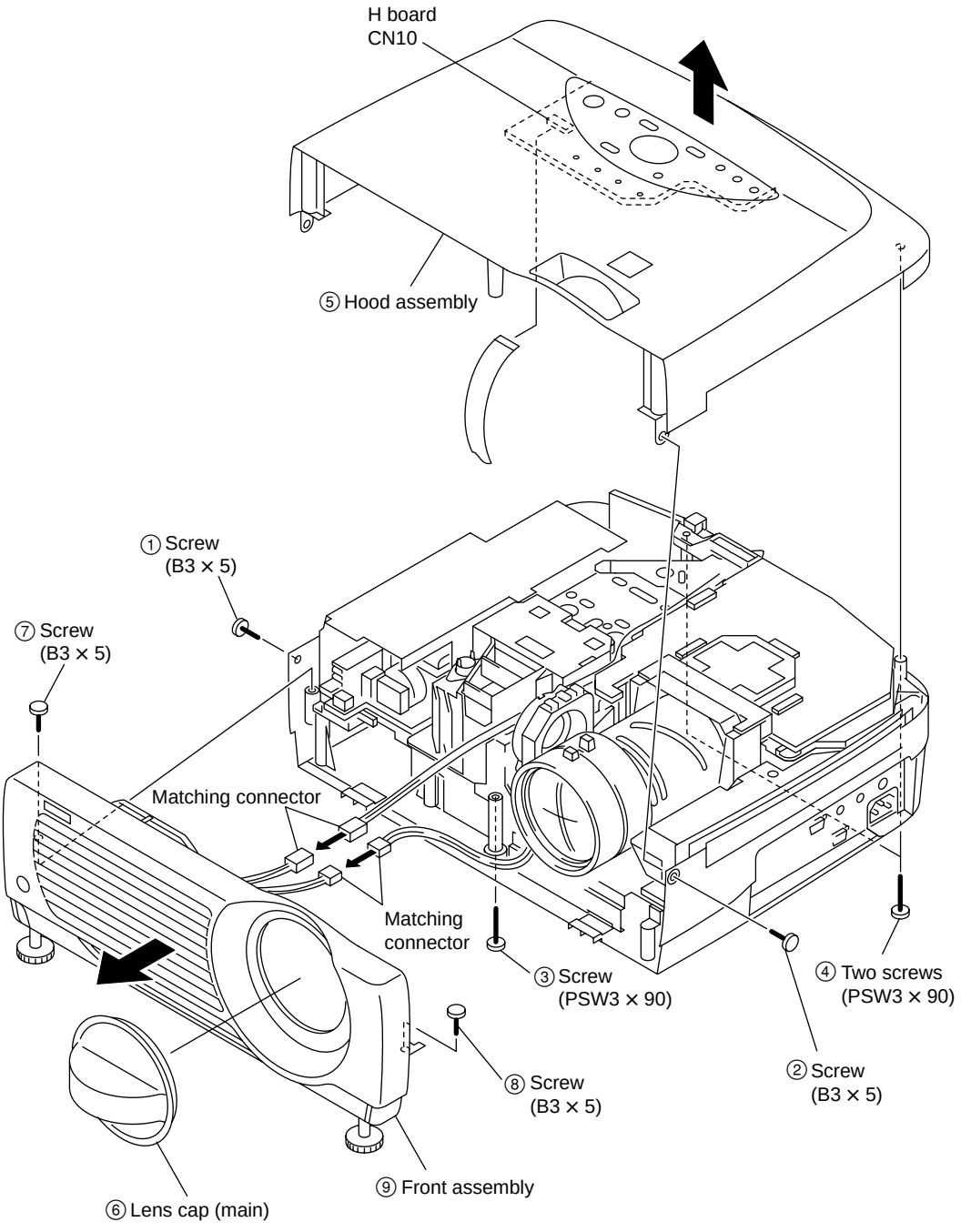
Section 1
Service Informations

1-1. Board Layout

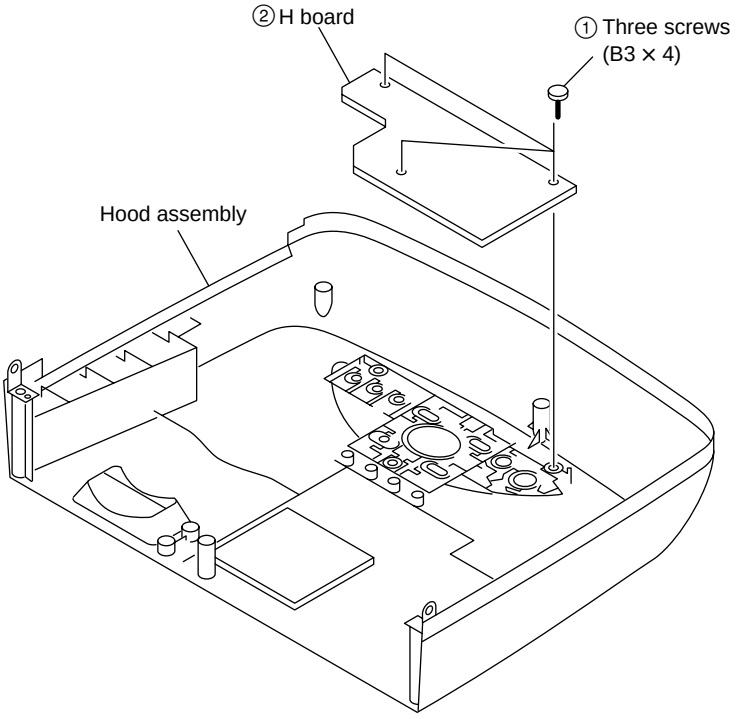


1-2. Disassembly

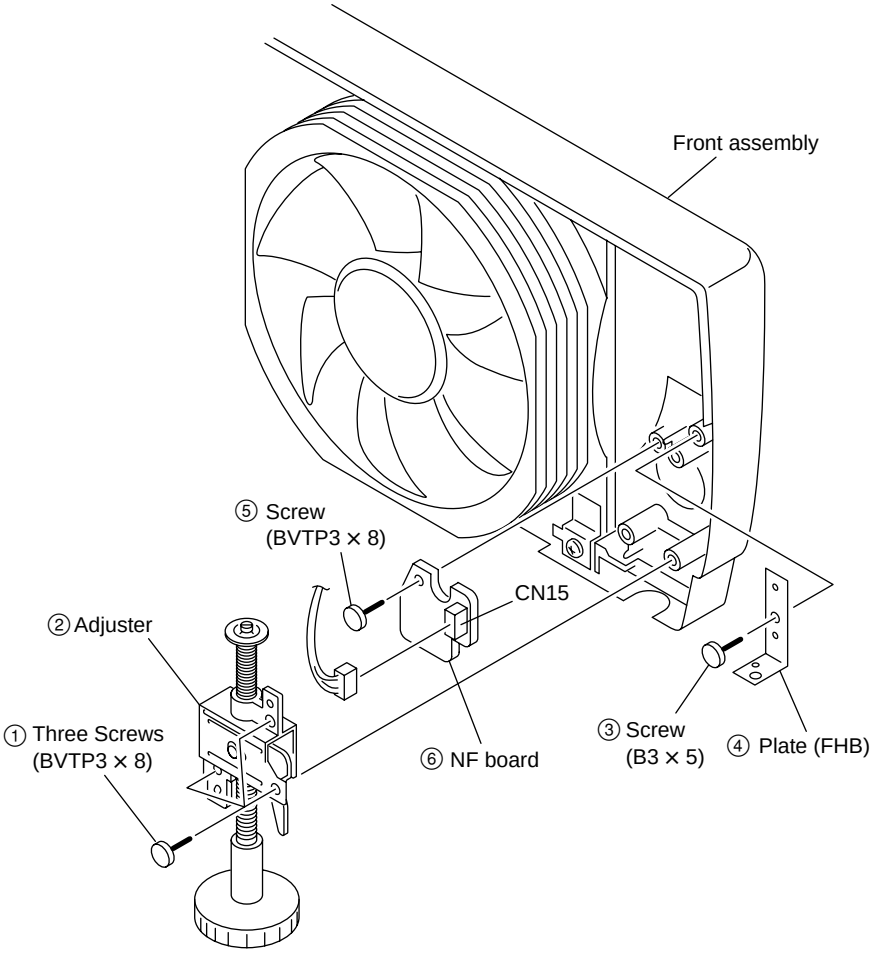
1-2-1. Hood Assembly and Front Assembly Removal



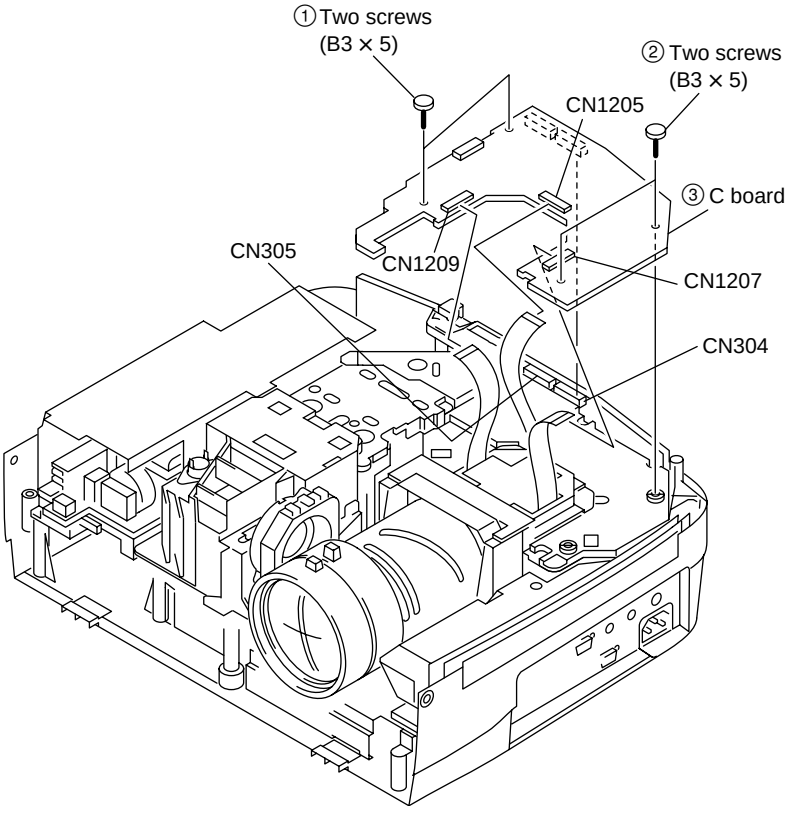
1-2-2. H Board Removal



1-2-3. NF Board Removal

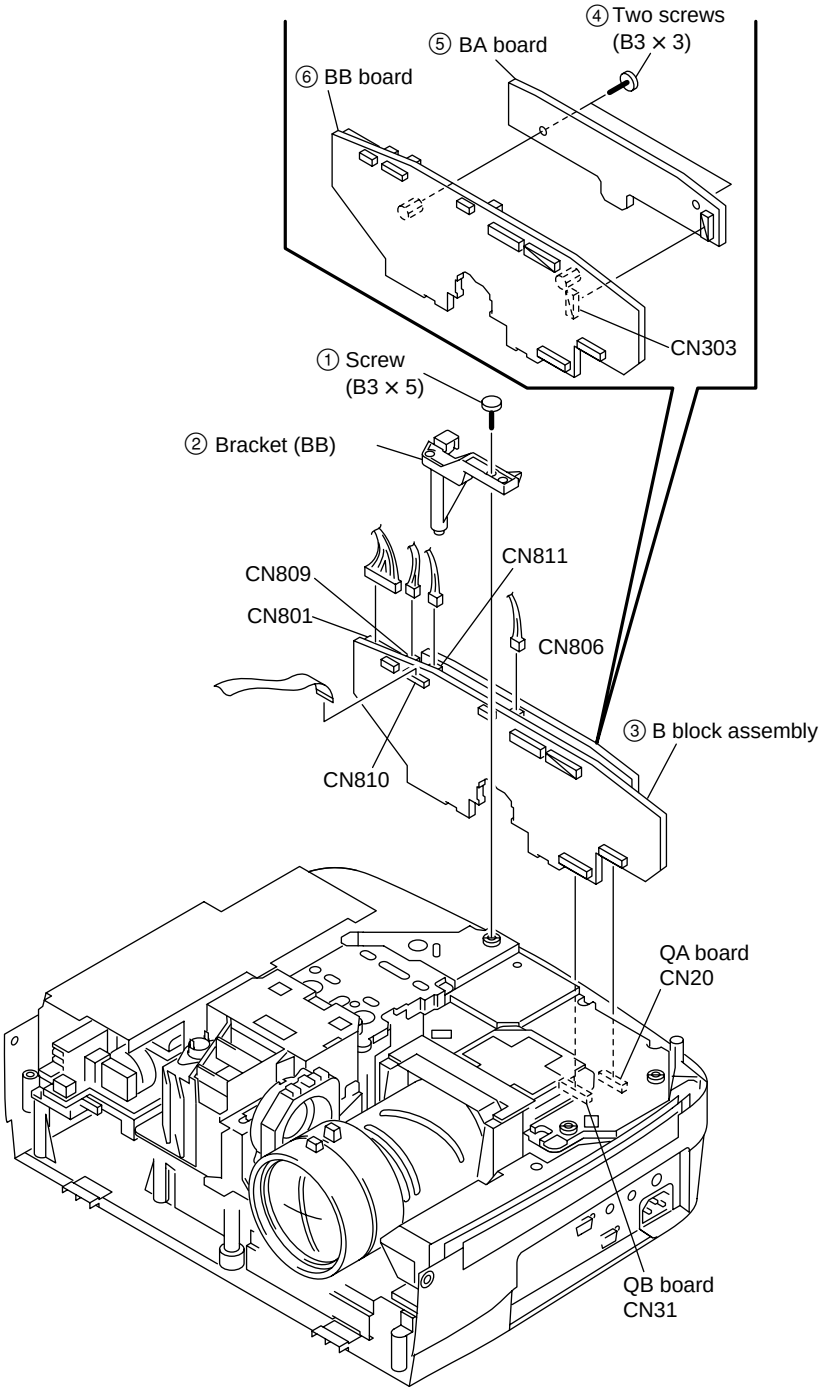


1-2-4. C Board Removal

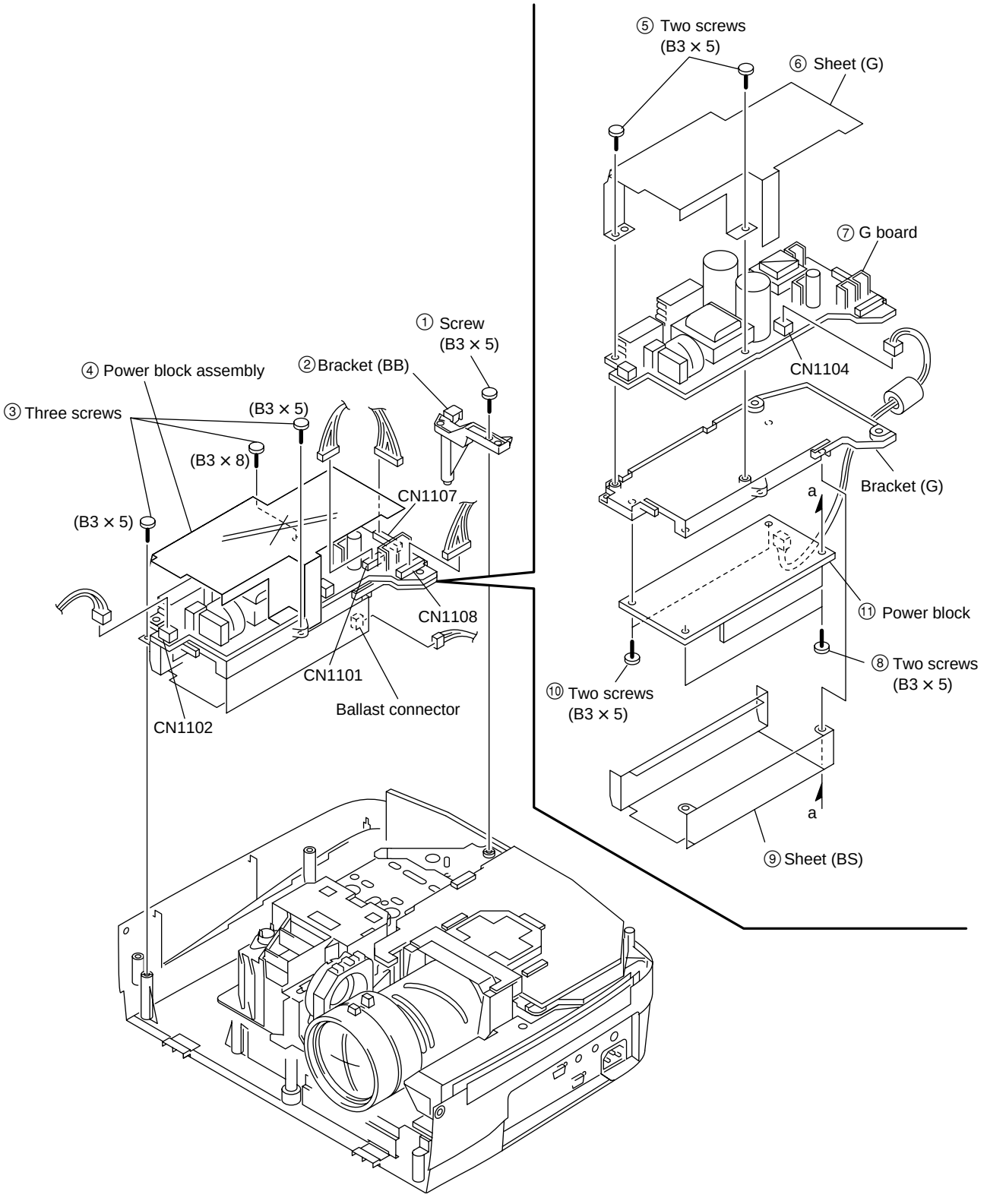


1-2-5. BB and BA Boards Removal

∗ Remove the C board. (Refer to 1-2-4.)

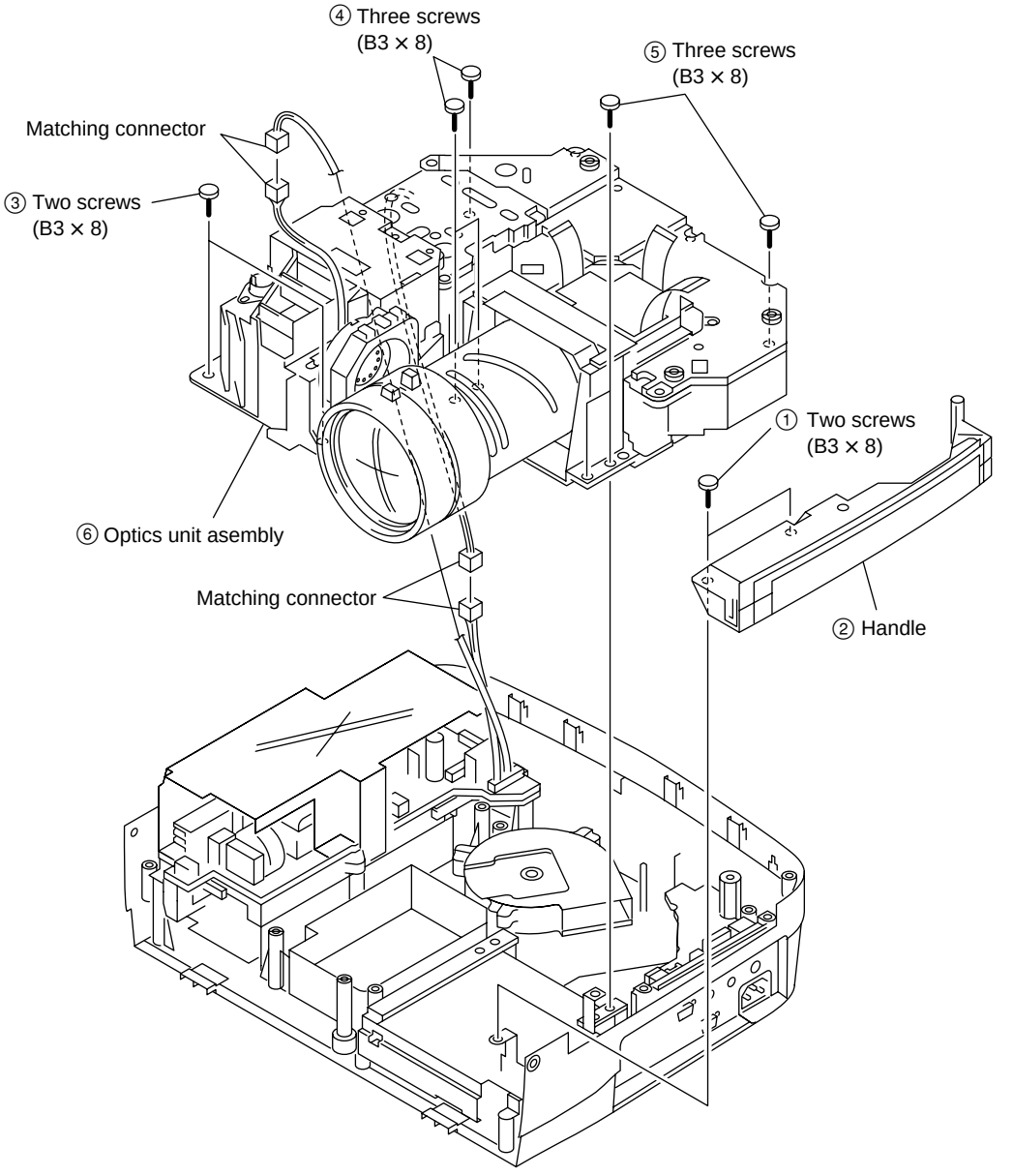


1-2-6. Power Block Removal



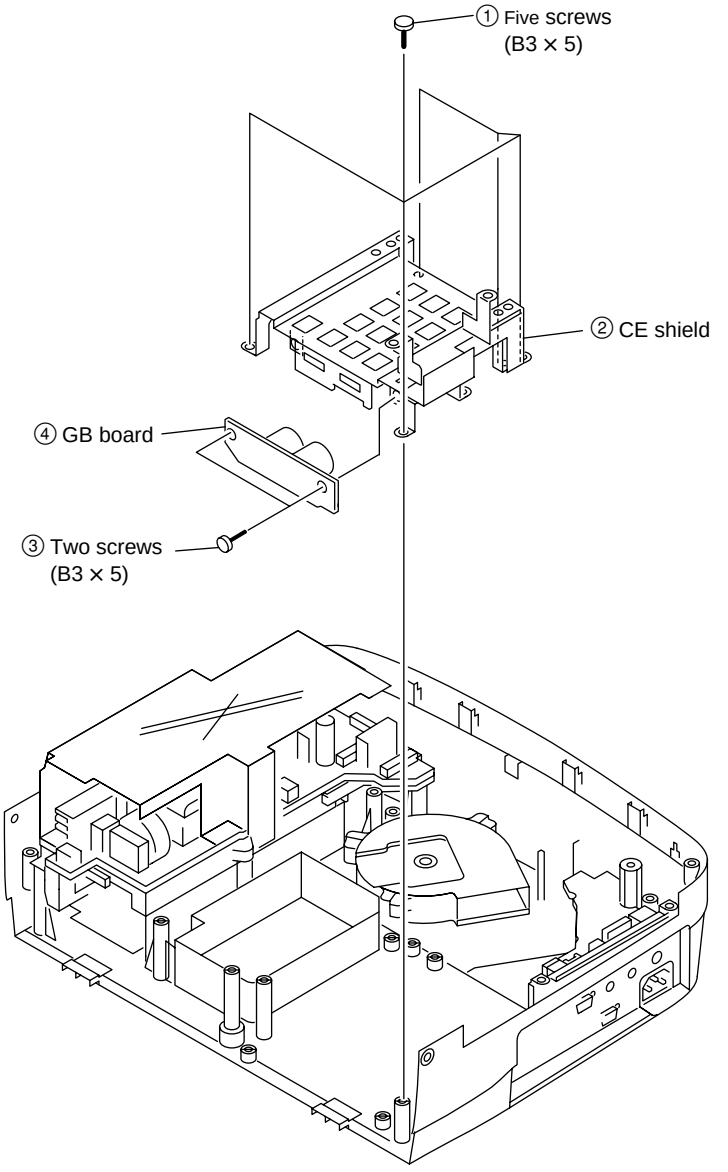
1-2-7. Optics Unit Assembly Removal

∗ Remove the C board. (Refer to 1-2-4.)



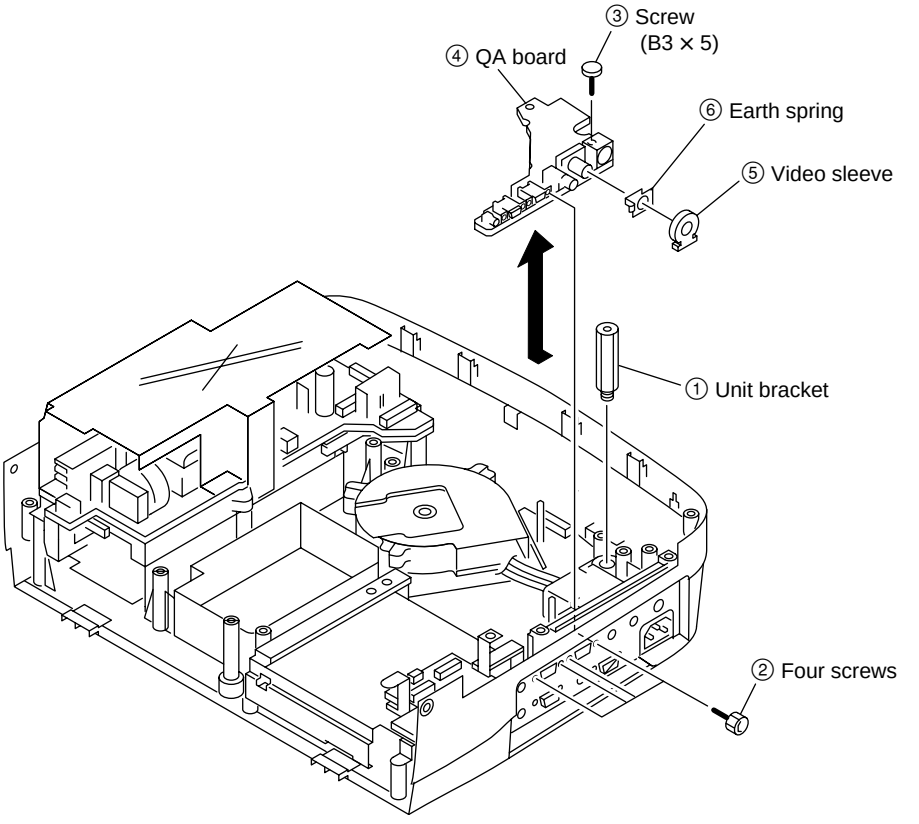
1-2-8. GB Board Removal

∗ Remove the optics unit assembly. (Refer to 1-2-7.)



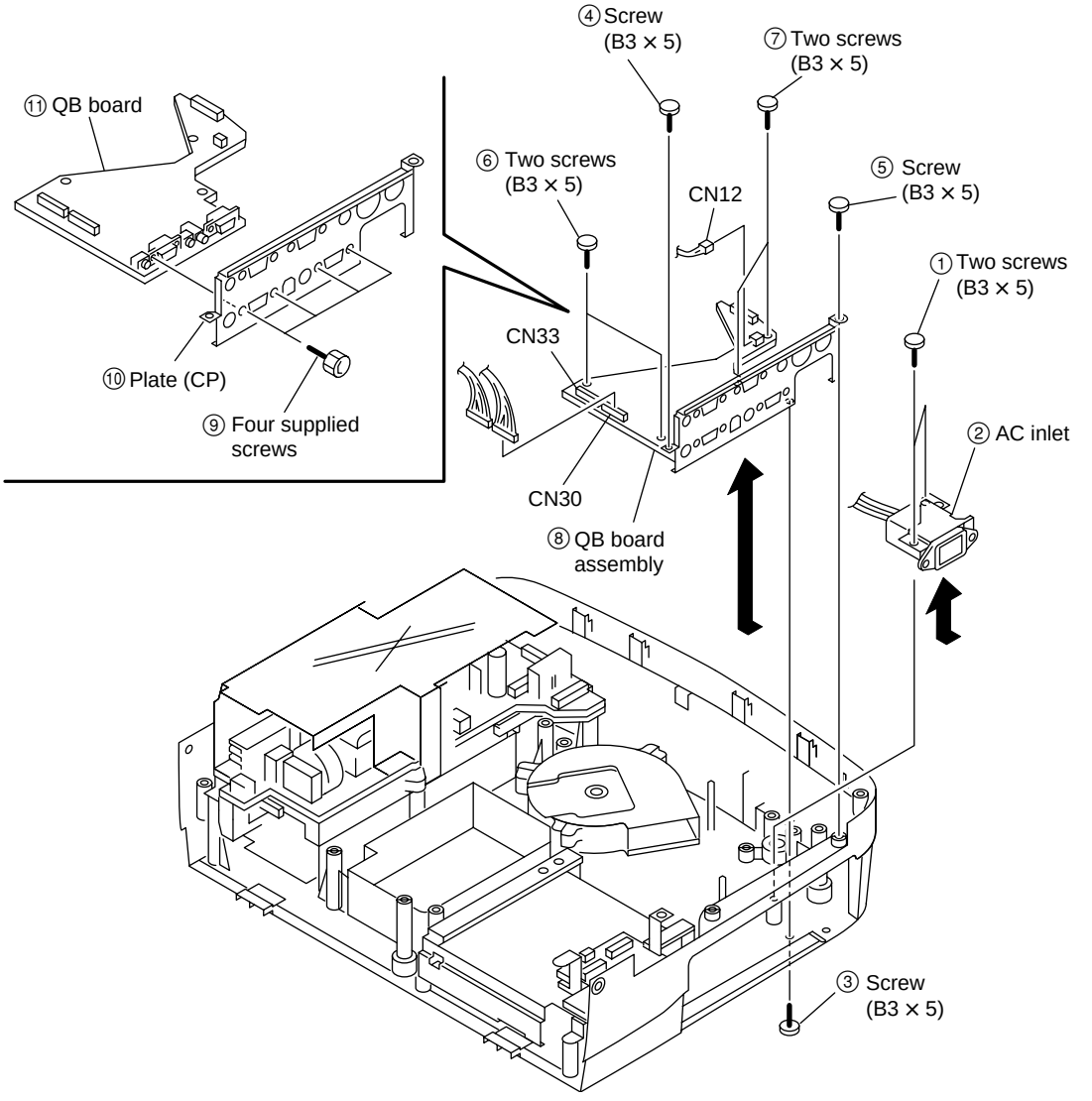
1-2-9. QA Board Removal

∗ Remove the optics unit assembly. (Refer to 1-2-7.)



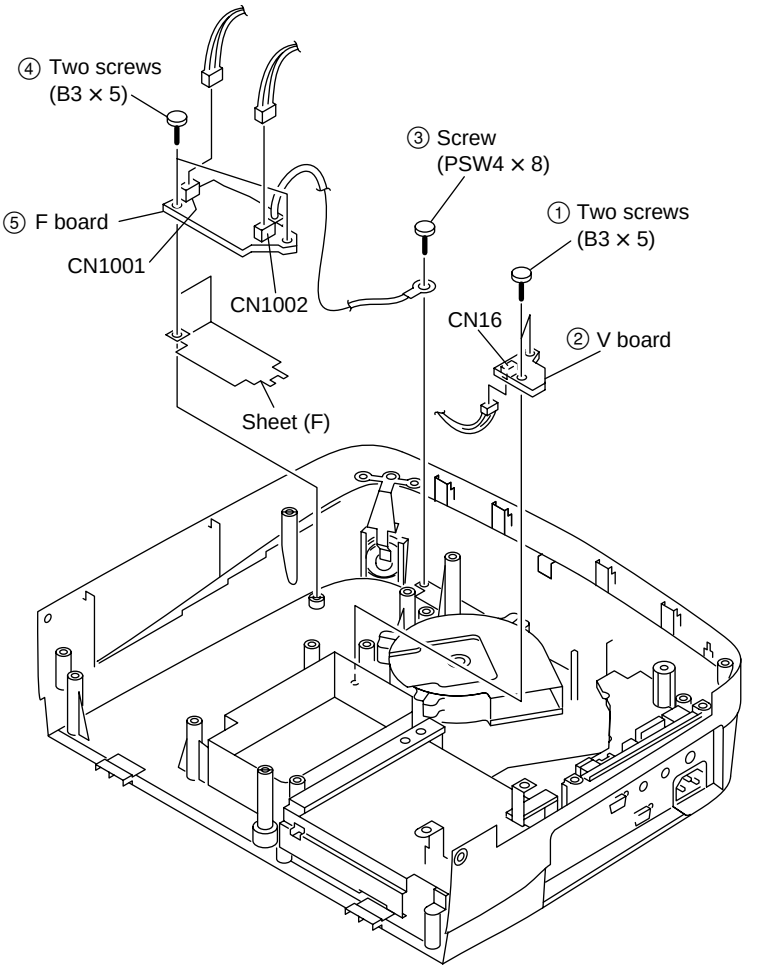
1-2-10. QB Board Removal

∗ Remove the QA board. (Refer to 1-2-9.)



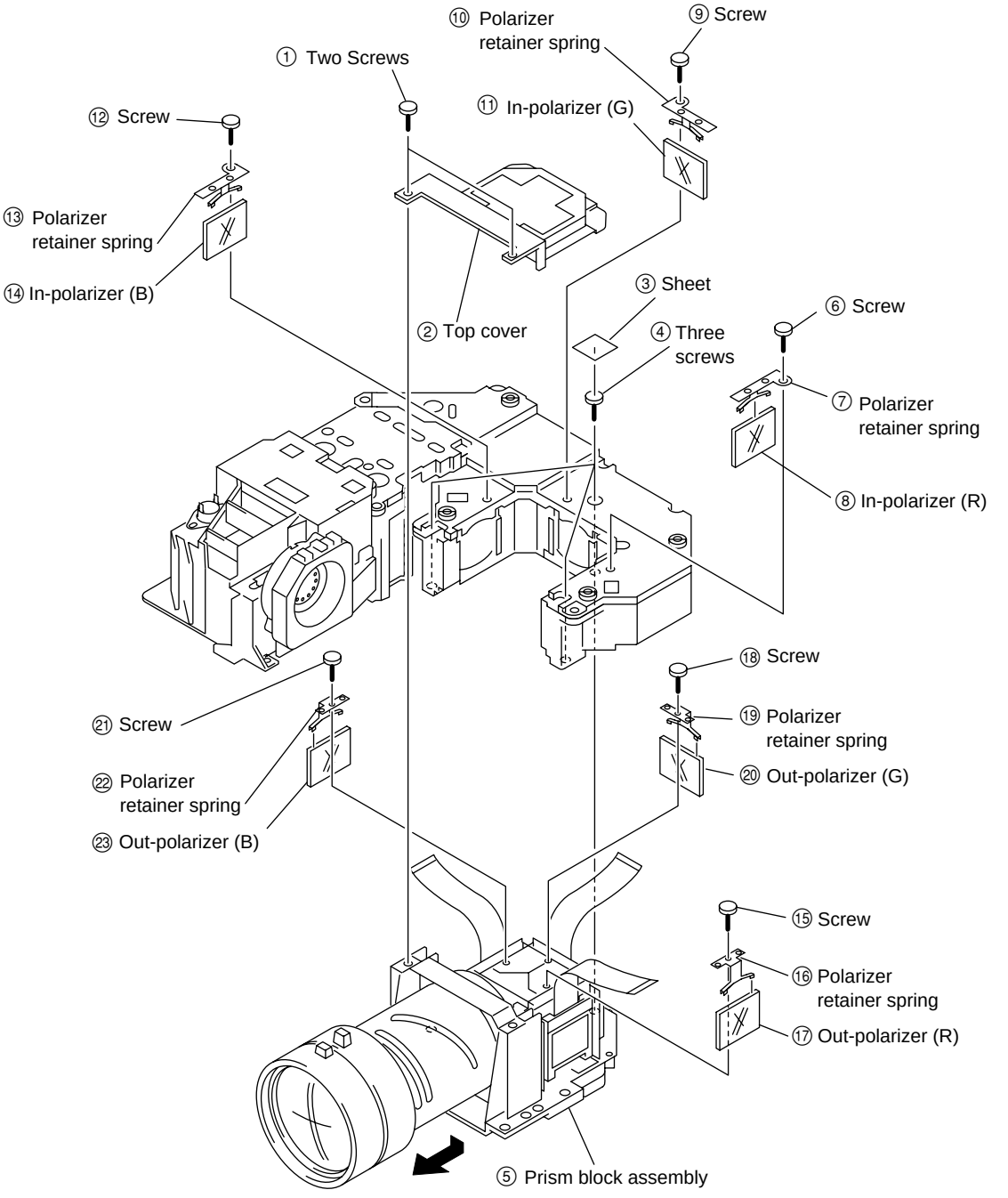
1-2-11. F and V Boards Removal

* Remove the Power Block. (Refer to 1-2-6.)
* Remove the optics unit assembly. (Refer to 1-2-7.)

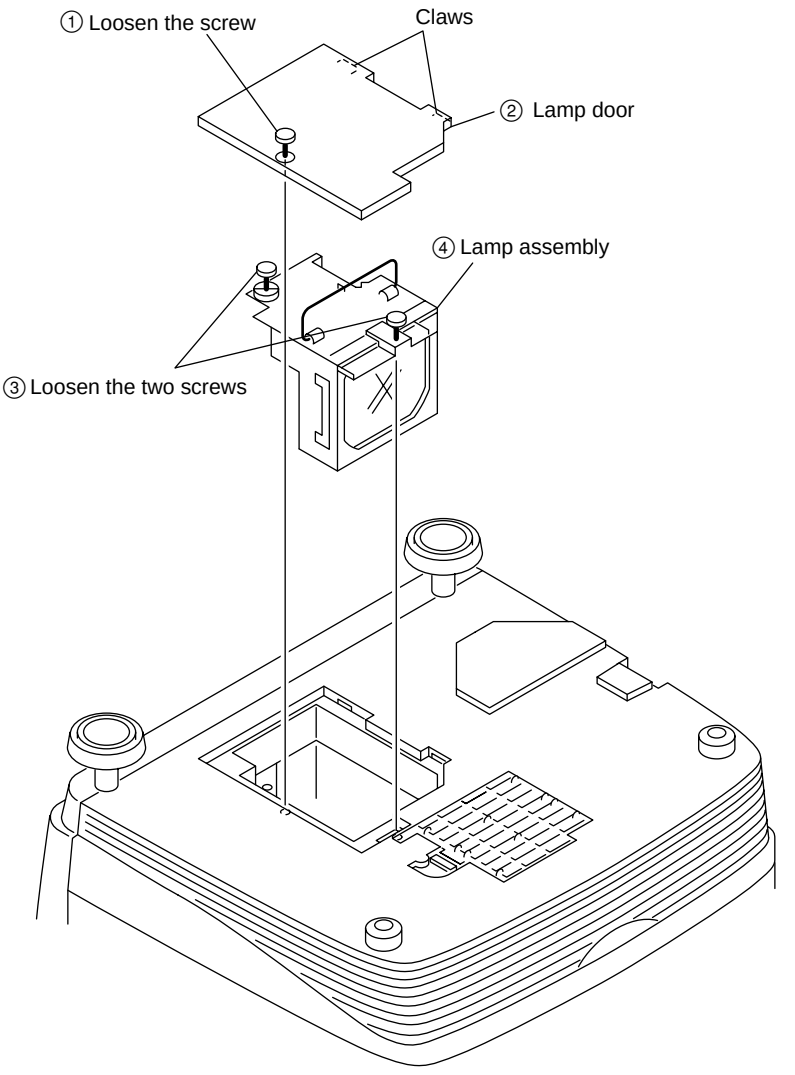


1-2-12. Prism Block Assembly and Polarizer Removal

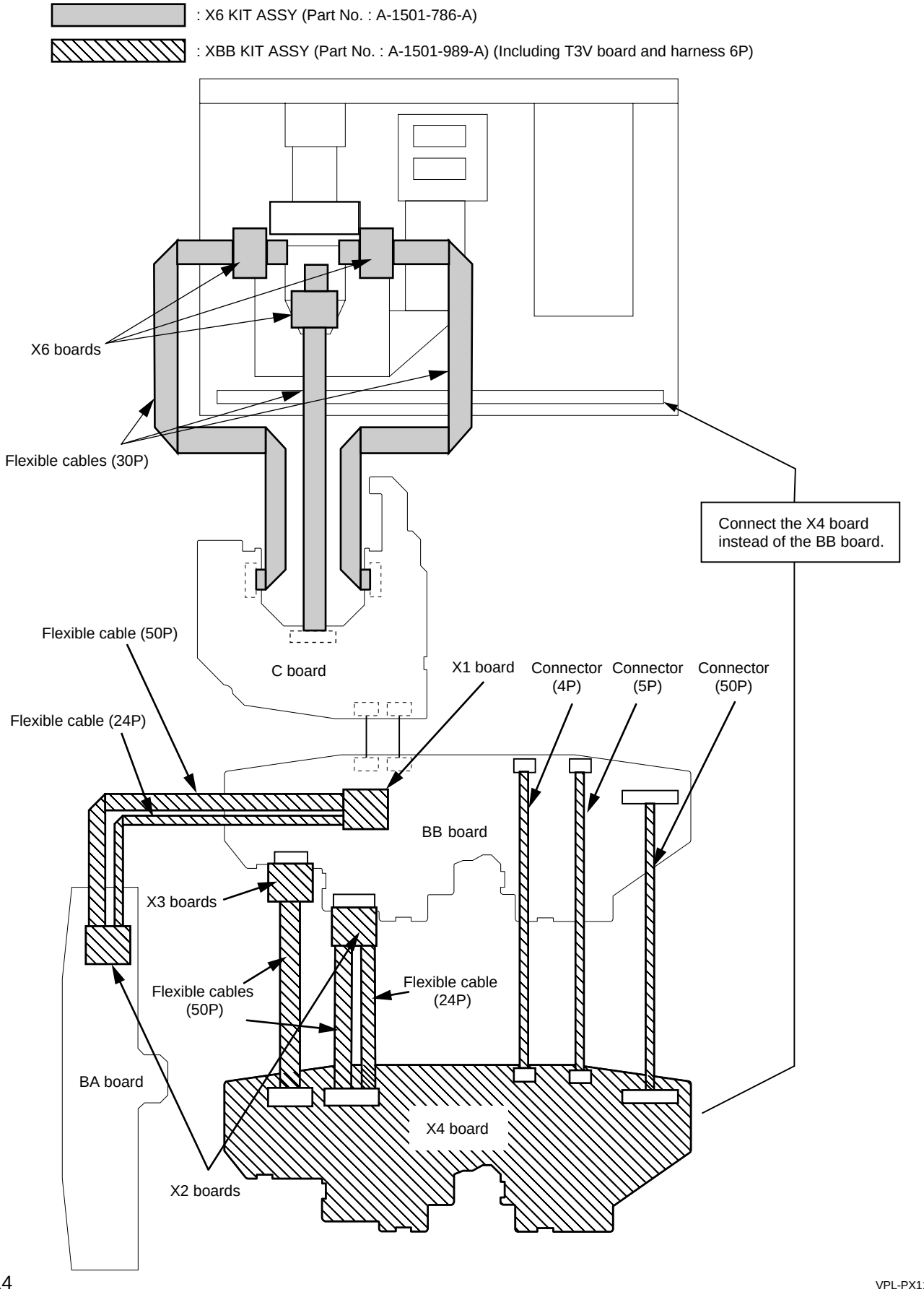
∗ Remove the optics unit assembly. (Refer to 1-2-7.)



1-2-13. Lamp Assembly Removal



1-2-14. Extension Boards and Extension Cables Connection



1-2-15. Main Soft and Pixel Works Soft Writing

Main Software Writing Tool

Application: F-ZTAT Microcomputer On-Board Writing Program Flash-5

How to use:

1. Double-click Setup.exe to install the application.
2. Execute the application.
3. Set as follows in the application.
   Select the standard mode

micro-computer	Select 2633f3.inf.
input clock	12.288MHz
frequency ratio	2
bit rate	38400
time-out	5 seconds

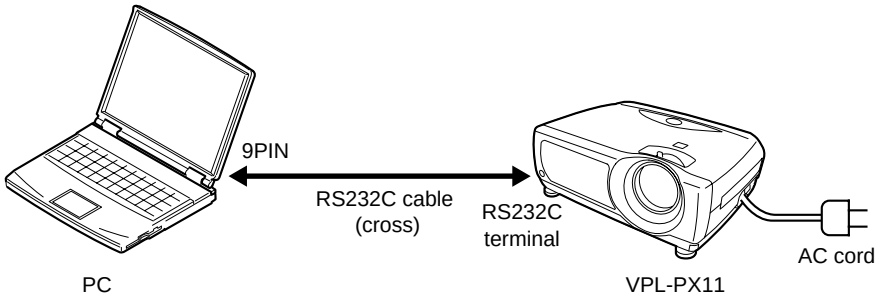
4. Designate a file to be written in Main software.
5. Connect the RS232C terminal of the PC and the RS232C terminal of the VPL-PX11 with the cross cable.
6. Open the lens cover of the VPL-PX11 in the stand-by state, and set S901 on the BB board to IC801 side.
7. Press the Start button on the application.
8. After finishing writing, set S901 to FB822 side.

PW Software Writing

Tool Application: FlashUpgraderForSony.exe

How to use:

1. Double-click FlashUpgraderForSony.exe to start up the application.
2. Click the next.
3. Designate an inf file of PW software to be written.
4. In the stand-by state, connect the RS232C terminal of the PC and the RS232C terminal of the VPL-PX11 with the cross cable.
5. Click the next.
6. Set the serial port and select 115200 for Baud rate.
7. Press “NORMAL” and confirm that “PW UPDATE” appears.
8. Click the next.
9. Turn on the unit from the remote controller or the control panel. At this moment, the lamp does not light.
10. Affter finishing writing, turn off the unit from the remote controller or the control panel.



1-2-16. Warning on Power Connection

Use the appropriate rating cord and plug that are applied to local regulations as shown in below tables.

	The United States, Canada		**Continental Europe**		**UK, Ireland, Australia, New Zealand**	**Japan**
Plug type	VM0233	290B	YP-12A	COX-07	∗1	YP332
Female end	VM0089	386A	YC-13B	COX-02	VM0310B	YC-13
Cord type	SJT	SJT	H05VV-F	H05VV-F	N13237/CO-228	VCTF
Rated Voltage & Current	10 A/125 V	10 A/125 V	10 A/250 V	10 A/250 V	10 A/250 V	7 A/125 V
Safety approval	UL/CSA	UL/CSA	VDE	VDE	VDE	DENANHOU

∗1 Use the correct plug for your country.

Section 2
Electrical Adjustments

2-1. Preparations

2-1-1. Equipment Required

- Oscilloscope
  Tektronix 2465 or equivalent
  (bandwidth: 350 MHz or more)
- NTSC, PAL, SECAM component signal generator
  Tektronix TG2000 + AVG1 (optional module) + AWVG1 (optional module) or equivalent
- VG (Programmable video signal generator)
  VG814 or equivalent
- Digital voltmeter
  Advantest TR6845 or equivalent
- Luminance meter

Note

Perform the following adjustments at least 5 minutes after turning on the power.

2-1-2. How to Enter and Use the Factory Mode

(How to enter)

1. Make sure that the STATUS in the menu is ON.
2. Exit the menu.
3. Press the keys in the following order:
   "ENTER" → "ENTER" → "LEFT" → "ENTER"
4. The message "Do you wish to enter into the FACTORY MODE?" will be displayed.
5. Select YES.

(How to leave)

Turn off the power in the FACTORY MODE.

or

1. Press the keys in the following order:
   "ENTER" → "ENTER" → "LEFT" → "ENTER"
2. The message "Do you wish to return to the USER MODE ?" Yes : ↑ No : ↓ will be displayed.
3. Select Yes.

2-2. V-COM Adjustment

1. Input the green-only 1H inverted signal to INPUT-A.
2. Set the CONTRAST to 50 and BRIGHT to 50.
3. Set the screen to G VCOM adjustment of "Device Adjust."
   Adjust the G VCOM so that the flicker on the screen is the minimum.
4. Input the red-only and blue-only 1H inverted signal respectively and adjust R VCOM and B VCOM respectively so that the flicker becomes minimum.
5. Store the adjustment value in the memory.
6. Select the projection of vertically reversed from the front [CEIL. FRT] using the menu screen.
7. Set the screen to G VCOM adjustment of "Device Adjust."
   Adjust the G VCOM so that the flicker on the screen is the minimum.
8. Input the red-only and blue-only 1H inverted signal respectively and adjust R VCOM and B VCOM respectively so that the flicker becomes minimum.
9. Store the adjustment value in the memory.

2-3. Adjustment Item Initialize Data

Menu Title	Item Name	Memory Name										Remarks
		SET MEMORY	CH MEMORY				STATUS MEMORY	W/B MEMORY				
			VIDEO	S VIDEO	INPUT A	INPUT B		VIDEO HIGH	VIDEO LOW	RGB HIGH	RGB LOW	
PICTURE CTRL	CONTRAST		80	80	80	80						
	BRIGHT		50	50	50	50						
	COLOR		50	50	50	–						
	HUE		50	50	50	–						
	SHARP		50	50	50	–						
	RGB ENHANCER		–	–	30	30						
	D.PICTURE		OFF	OFF	OFF	OFF						
	GAMMA MODE		–	–	GRAPHICS	GRAPHICS						
	COLOR TEMP		LOW	LOW	HIGH	HIGH						
	COLOR SYS		AUTO	AUTO	AUTO	AUTO						
	VOLUE		50	50	50	50						
INPUT SETTING	DOT PHASE						15 (*)					
	SIZE H						*					
	SHIFT						*					
	SCAN CONV						ON (*)					
	ASPECT						4 : 3 (*)					
	BLANKING						0 (*)					
SET SETTING	STATUS	ON										
	INPUT-A	COMPUTER										
	AUTO INPUT SEL	OFF										
	LANGUAGE	ENGLISH										
	SPEAKER	ON										
	POWER SAVING	OFF										
	IR RECEIVER	FRONT&REAR										
INSTALL SETTING	KEYSTONE MEM.	ON										
	DIGIT KEYSTONE	0										
	INSTALLATION	FLOOR-FRONT										
	MENU POSITION	CENTER										
	MENU COLOR	STANDARD										
	INPUT-B FUNC.	ON										
	LAMP TIMER	INDICATION ONLY										
INFORMATION	fH	INDICATION ONLY										
	fV	INDICATION ONLY										
	ROM Ver	INDICATION ONLY										
	OPERATION TIMER	INDICATION ONLY										
	PREVIOUS LAMP TIMER	INDICATION ONLY										

Menu Title	Item Name	Memory Name										Remarks
		SET MEMORY	CH MEMORY				STATUS MEMORY	W/B MEMORY				
			VIDEO	S VIDEO	INPUT-A	INPUT B		VIDEO HIGH	VIDEO LOW	RGB HIGH	RGB LOW	
W/B ADJUST	GAIN R							170	175	170	175	
	G							170	165	170	165	
	B							170	160	170	160	
	BIAS R							80	80	80	80	
	G							80	80	80	80	
	B							80	80	80	80	

∗ : DOT PHASE, SIZE H, SHIFT H/V, SCAN CONV, ASPECT and BLANKING in the “INPUT SETTING” menu have an initial value respectively in accordance with the input signal (PRESET MEMORY No.).

Note

There are nonadjustable items in accordance with the input signal.

Device Name	Item Name	Memory Name										Remarks
		SET MEMORY	CHROMA MEMORY							INSTALL MEMORY		
			NT358/ NT443/ BW60	Pal/Pal-M/ NSecam/ BW50	15k RGB	Component (15k)	Double-speed component	HDTV (YPbPr)	HDTV(GBR) includ. double-speed	Up/Down inversion possible	Up/Down inversion not possible	
RGB MTRX/	CONTRAST	12										
	R DRIVE		9	9	9	9	9	9	9			Fixed Value
	G DRIVE		9	9	9	9	9	9	9			Fixed Value
	B DRIVE		9	9	9	9	9	9	9			Fixed Value
	SUB BRT	54										
	YUV CON		7	8	11	11	11	11	11			
	YUV COL		10	10	12	12	12	12	12			
	SUB HUE		5	7	7	7	7	7	7			
	CTI LVL		2	2	1	1	1	1	1			Fixed Value
	R-Y/R		11	11	10	10	13	13	13			Fixed Value
	R-Y/B		14	14	14	14	15	15	15			Fixed Value
	G-Y/R		7	6	5	5	8	8	8			Fixed Value
	G-Y/B		5	5	4	4	4	4	4			Fixed Value
	SUB SHP		1	1	3	3	3	3	3			Fixed Value
	SHPF0		1	1	1	1	1	1	1			Fixed Value
	PRE OVER		0	0	0	0	0	0	0			Fixed Value
	LTI LVL		1	1	1	1	0	0	0			Fixed Value
	DMIC PIC	3										Fixed Value
D.COM/	VENH	5										Fixed Value
CHROMA/	SHP GAIN		11	11	8	8	8	8	8			Fixed Value
	SHP EQ		0	0	0	0	0	0	0			Fixed Value
	SHP F0		2	2	2	2	2	2	2			Fixed Value
	Y-OUT LVL	16										
	C-OUT LVL	8										
	Y-DL	5										Fixed Value
	S B-Y ADJ	7										Fixed Value
	S R-Y ADJ	7										Fixed Value
	S-INHBT	0										Fixed Value
	S-ID	0										Fixed Value
	S GP	0										Fixed Value
	S V-ID	0										Fixed Value
	BELL F0	0										Fixed Value
	HPF	0										Fixed Value

Device Name	Item Name	Memory Name										Remarks
		SET MEMORY	CHROMA MEMORY							INSTALL MEMORY		
			NT358/ NT443/ BW60	Pal/Pal-M/ NSecam/ BW50	15k RGB	Component (15k)	Double-speed Component	HDTV (YPbPr)	HDTV(GBR) includ. double-speed	Up/Down inversion possible	Up/Down inversion not possible	
P.DRV/	OFFSET R (E)									155	155	Fixed Value
	OFFSET (GE)									155	155	Fixed Value
	OFFSET B (E)									155	155	Fixed Value
	VCOM R									168	168	
	VCOM G									168	168	
	VCOM B									168	168	
	SID (G)	165										
	SIG CEN	100										Fixed Value
	OFFSET R O									127	127	
	OFFSET G O									127	127	
	OFFSET B O									127	127	
	SID R	128										
	SID B	128										
	VREF R (E)									128	128	
	VREF (GE)									128	128	
	VREF B (E)									128	128	
	CALIB	138										Fixed Value
	INV CONT	0										Fixed Value
	SID LVL	206										Fixed Value
	PRG LVL	86										Fixed Value
SH/	SH1	4										Fixed Value
	SH2 R	120										Fixed Value
	SH2 (G)	120										Fixed Value
	SH2 B	160										Fixed Value
VAMP/	CONT (E)	168										Fixed Value
	SUB CON R (E)									128	128	
	SUB CON G (E)									128	128	
	SUB CON B (E)									128	128	
	BRT (E)	150										Fixed Value
3D	SUB CONT	0										Fixed Value
GAMMA/	SUB BRT	0										Fixed Value
	R OSD LVL	31										Fixed Value
	G OSD LVL	31										Fixed Value
	B OSD LVL	31										Fixed Value
	THROUGH	0										Fixed Value
	SW	1										Fixed Value
	APC THRES	25										Fixed Value
	APC LIMIT	32										Fixed Value

Device Name	Item Name	Memory Name										Remarks
		SET MEMORY	CHROMA MEMORY							INSTALL MEMORY		
			NT358/ NT443/ BW60	Pal/Pal-M/ NSecam/ BW50	15k RGB	Component (15k)	Double-speed Component	HDTV (YPbPr)	HDTV(GBR) includ. double-speed	Up/Down inversion possible	Up/Down inversion not possible	
OTHER/	V START	22										Fixed Value
	H START	144										Fixed Value
	H POSITION	39										Fixed Value
	TEMP LAMP	Non Adjustable										Fixed Value
	TEMP PANEL	Non Adjustable										Fixed Value
	LAMP FAN 1	Non Adjustable										Fixed Value
	PANEL FAN 1	Non Adjustable										Fixed Value
	LAMP FAN 2	Non Adjustable										Fixed Value
	PANEL FAN 2	Non Adjustable										Fixed Value
	SYNCHRONOUS	1										Fixed Value
GAMMA		Factory adjustment value										

Note

There are nonadjustable items in accordance with the input signal.

2-4. Service Kowhow

2-4-1. After Replacing the Prism Block

1. Perform Section “2-2. V-COM Adjustment.”
2. Perform Section “2-5. White Balance Adjustment.”

2-4-2. After Replacing the Board

- Refer to the cross table below.
- There are no need to perform the adjustment when the board other than the BB board or C board had been replaced.

1) When Replacing the BB Board

When the data before replacement can be read properly

1. Make a not of the data before replacement. After replacement, write the data into the new board with service mode.
2. If the white balance is extremely deteriorated, perform the white balance adjustment (Refer to Section 2-5. White Balance Adjustment).

When the data before replacement cannot be read

1. Perform Section “2-2. V-COM Adjustment.”
2. Perform Section “2-5. White Balance Adjustment.”

2) When Replacing the C Board

1. Perform Section “2-2. V-COM Adjustment.”
2. Perform Section “2-5. White Balance Adjustment.”

3) When Replacing the Other Board

There are no need to perform the adjustment.

Cross Table of Board Replacement

Device Name	Item Name	Board Name	
		BB	C
P.DRV	VCOM (R)	✻	O
	VCOM (G)	✻	O
	VCOM (B)	✻	O
	CONT	✻	95,100 IRE
	SUB CONT R	✻	95,100 IRE
	SUB CONT G	✻	95,100 IRE
	SUB CONT B	✻	95,100 IRE
	BRT	✻	2.8 V
W/B ADJUST			
INPUT A-HIGH	GAIN R	✻	No
	GAIN G	✻	No
	GAIN B	✻	No
	BIAS R	✻	No
	BIAS G	✻	No
	BIAS B	✻	No
INPUT A-LOW	GAIN R	✻	O
	GAIN G	✻	O
	GAIN B	✻	O
	BIAS R	✻	O
	BIAS G	✻	O
	BIAS B	✻	O
VIDEO-HIGH	GAIN R	✻	No
	GAIN G	✻	No
	GAIN B	✻	No
	BIAS R	✻	No
	BIAS G	✻	No
	BIAS B	✻	No
VIDEO-LOW	GAIN R	✻	O
	GAIN G	✻	O
	GAIN B	✻	O
	BIAS R	✻	O
	BIAS G	✻	O
	BIAS B	✻	O

✻ : When down the data befor replacement, and then write in the data after the board replacement.

O : Need adjustment

Value: See description.

2-5. White Balance Adjustment

2-5-1. Signal Level Adjustment

1. Warm up the unit at least 10 minutes.
2. Connect the 2-step signal that consists of 95 IRE and 100 IRE amplitude, to the INPUT-A connector.
   Then enter the Service mode.
   Press the keys in the following order.
   "ENTER"→"ENTER"→"↑"→"↓"→"ENTER"
   The message "Do you wish to enter into the SERVICE MODE? Yes : ↑ No : ↓ "will be displayed.
   Select "Yes : ↑".
   Note
   When leaving the SERVICE MODE, perform the key operations of item 2, "Do you wish to return to the USER MODE? Yes : ↑ No : ↓ "will be displayed.
   Select "Yes : ↑".
3. Set the unit in G-only mode.
4. Enter the P.DRV on the MENU screen by the DEV. ADJ.
5. Discriminate the 95 IRE and 100 IRE by the V-AMP/ CONT controls of the P.DRV.
6. Set the unit in R-only mode.
7. Discriminate the 95 IRE and 100 IRE by the V-AMP/ SUB CONT R controls of the P.DRV.
8. Set the unit in B-only mode.
9. Discriminate the 95 IRE and 100 IRE by the V-AMP/ SUB CONT B controls of the P.DRV.

2-5-2. White Balance Adjustment

1) HIGH Mode of INPUT-A

Input the 10 STEP signal to INPUT-A, and observe the chromaticity of each luminance.
When varying the chromaticity of each luminance, perform the following adjustments.

1. Input the 100 IRE FLAT FIELD signal to INPUT-A.
2. Measure the chromaticity (x, y).
3. Input the 50 IRE FLAT FIELD signal to INPUT-A.
4. Adjust the chromaticity (x, y) to the values measured in step 2 by the V-AMP/SUB CONT R and B of the P. DRV.

2) LOW Mode of INPUT-A

1. Input the 50 IRE FLAT FIELD signal to INPUT-A.
2. Select BIAS 123 using the LOW mode of W/B.
3. Adjust GAIN G so that chromacity becomes 0.322 ± 0.003.

3) LOW Mode of VIDEO

1. Input the 50 IRE 15k COMPONENT FLAT FIELD signal to INPUT-A.
2. Select BIAS 123 using the LOW mode of W/B.
3. Adjust GAIN G so that chromacity becomes 0.322 ± 0.003.

2-6. Memory

Memory structure of VPL-PX11 consists of the following memory blocks.

1. Set memory
2. Status memory
3. Channel memory
4. Chroma memory
5. W/B memory
6. Installation memory

CPU internal ROM : 256 Kbyte Flash Memory
CPU internal RAM : 16 Kbyte
External NVM memory : 8 Kbyte EEPROM

The gamma mode function is realized adding offset to the Contrast output value and the Brightness output value to the devices. The conventional gamma memory is not used in this machine.

Outline of the data flow is described as follows. When the AC power plug is inserted to the wall outlet (Standby state), all of the data stored in the internal ROM are written into the NVM (non-volatile memory). When the POWER switch is turned on afterward, all the data such as status memory data and others that are required for the present video image are selected from each memory block and are expanded in the internal RAM.
When any adjustment is executed, the result adjustment data are saved automatically (when the adjustment is made on the User mode item) or saved as triggered by the memory operation (when the adjustment is made on the Service/Factory mode item) in the NVM.

Note that the data of the adjustment items (W/B and device adjust) that can be adjusted by the Service mode or Factory mode, are saved in the NVM after the memory operation is performed upon completion of the adjustment by user. Note that the default factory adjustment data are lost at this moment.

Set Memory		
Status Memory	No.01	
	No.02	
	INPUT-A Preset	No.03
		No.04
		No.05
		...
		No.50
	INPUT-B Preset	No.03
		No.04
		No.05
		...
		No.50

Set Memory		
Status Memory	No.01	
	No.02	
	INPUT-A Preset	No.03
		No.04
		No.05
		...
		No.50
	INPUT-B Preset	No.53
		No.54
		No.55
		...
		No.60
	INPUT-A User	No.71
		...
		No.90
	INPUT-B User	No.91
		...
		No.110

Set Memory
Status Memory

Channel Memory	
	Video
	S Video
	Input-A
	Input-B

Channel Memory	
	Video
	S Video
	Input-A
	Input-B

Channel Memory

Chroma Memory	
	NT358/443/BW60
	PAL/PAL-M/N/ SECAM/BW50
	15k RGB
	15k Component

Chroma Memory	
	NT358/443/BW60
	PAL/PAL-M/N/ SECAM/BW50
	15k RGB
	15k Component

Chroma Memory

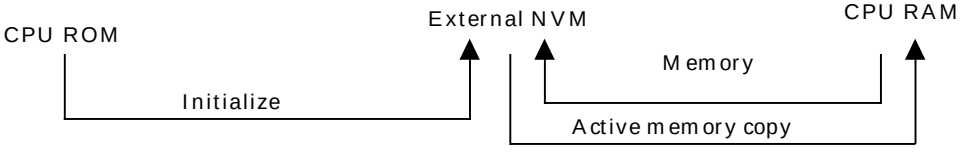
W/B Memory		
	Computer	HIGH
		LOW
	Others	HIGH
		LOW

W/B Memory		
	Computer	HIGH
		LOW
	Others	HIGH
		LOW

W/B Memory	
	HIGH
	LOW

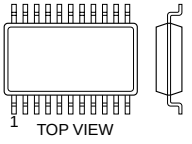
Installation Memory	
	Up/Down inversion not possible
	Up/Down inversion possible

Installation Memory	
	Up/Down inversion not possible
	Up/Down inversion possible



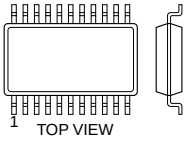
Section 3
Semiconductors

24LC21AT/SN
IRMF-A0T-QTP
LM358PS
LM358PSR
LT1374IS8
M24C64-WMN6T(A)
MAX4223ESA-TG06
MAX4223ESA-TG068
MAX890LESA-TG068
ST24FC21M6TR
TA75W393FU
TA75W393FU-TE12R
TC4W53FU
TC4W53FU(TE12R)
TC7W08FU
TC7W08FU(TE12R)
TC7W126FU(TE12R)
TC7W14FU(TE12R)
TC7W32FU
TC7W32FU(TE12R)
TC7W74FU
TC7W74FU(TE12R)
TC7WH04FU(TE12R)
TC7WH123FU(TE12R)
TC7WH74FU(TE12R)
TL431BCDR2
UPC358G2-E2



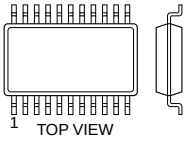
8pin SOP

74VHC00MTCX
74VHC02MTCX
74VHC125MTCX
74VHCT04MTCX
SN74HC08ANS
SN74HC08ANSR
TC74LCX125FT(EL)



14pin SOP

74VHC123AMTCX
CXA1875AM
CXA1875AM-T4
MAX202CSE
MAX202CSE-T



16pin SOP

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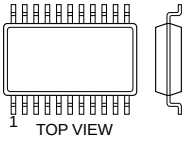
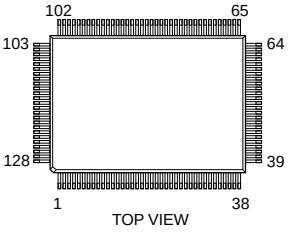
M52347FP-TE
MK1714-01RT
TC74VHCT541AFT(EL)

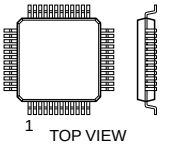


20pin SOP

AD9884AKS-140

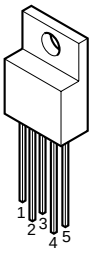


ADV7123KST140
CXA2123AQ-T6
CXD2064Q-T6
ET1030F0A
LE01030F0A

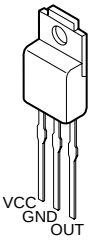


48pin QFP

BA00AST-V5



BA033FP-E2
BA05FP-E2
BA12FP-E2



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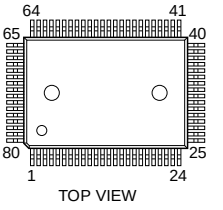
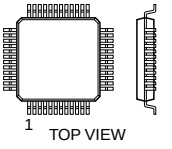
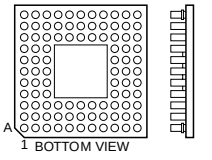


CXA3512R-T6



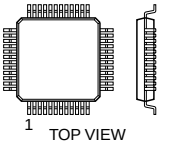
64pin QFP

CXD9607GB



144pin PGA

HD64F2633TE



120pin QFP

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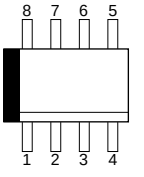
SN-IRMF2-A0T-QTP



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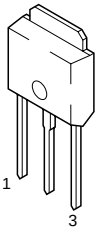

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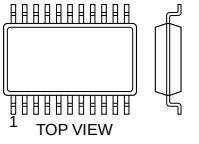
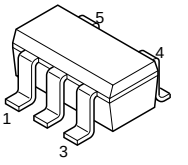
MCZ3001D



40pin SOP

LP2985IM5X-3.3



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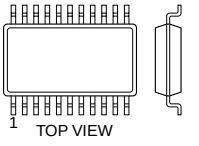
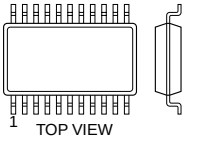


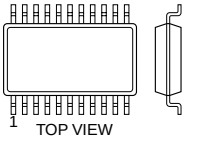
42pin SOP

M52758FP



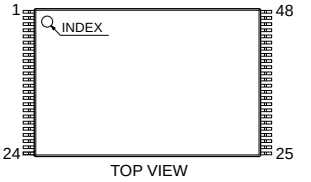
36pin SOP

M62392FP

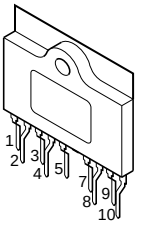


24pin SOP

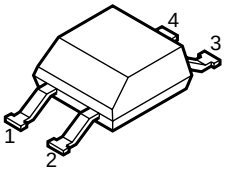
MBM29LV800TA-70PFTN



MZ1540

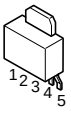


PC123FY2

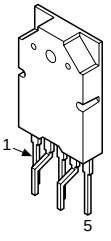


4pin DIP

PQ20VZ1U



PQ2TZ15U



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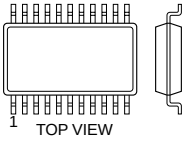
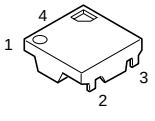
ST72T631K4M1-XX



34pin SOP

RS-140-T



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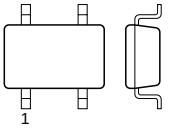
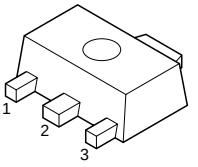
S-80842ANNP-ED6-T2

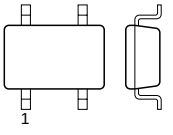


4pin CHIP

TA78M09F(TE16L)

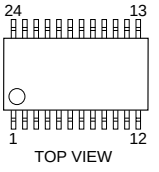


TC75S56F(TE85R)
TC7S04FU(TE85R)
TC7SET04FU(TE85R)
TC7SET08FU(TE85L)
TC7SET08FU(TE85R)
TC7SET32FU(TE85R)



5pin CHIP

TDA2000D2



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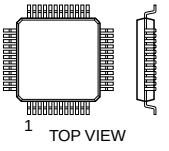

100pin QFP

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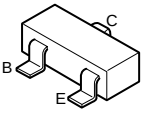
2SA1037AK-T146-R
2SA1162-G
2SA1162-YG-TE85L
2SA1462
2SA1462-T1Y33Y34
2SA1611-M5M6
2SA1611T1-M5M6
2SC2712-YG
2SC2712-YG-TE85L
2SC3326N-A
2SC3326N-TE85L-AB
2SC4081-R
2SJ530S-TL
2SC4081T106R
DTC143ZKA-T146
DTC144EKA
DTC144EKA-T146



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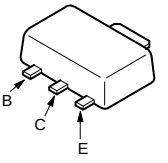

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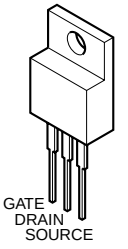

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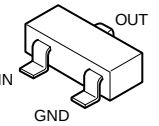

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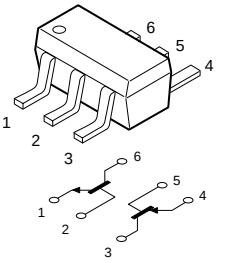
HN1C01FU-TE85R



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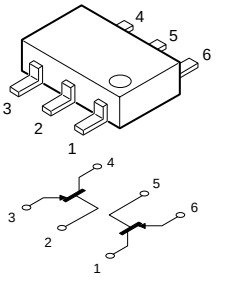
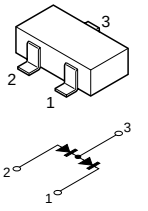


MA157-TX



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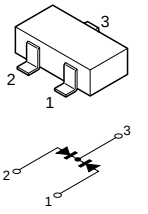
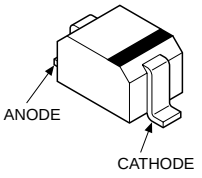
DAN204K-T-146



1SS355TE-17
MA111-TX
RD27SB-T1
RD5.6SB-T1
RD9.1S-B2
RD9.1SB2-T1
UDZ-TE-17-3.9B



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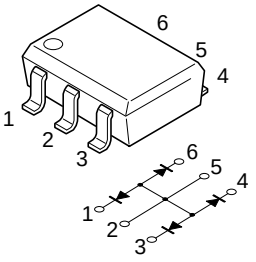

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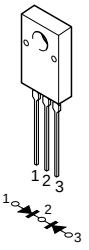

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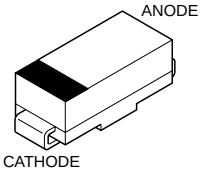

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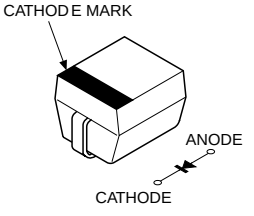

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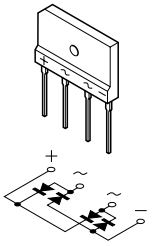

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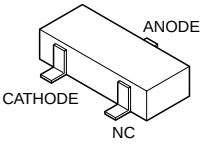
DAN202UT106



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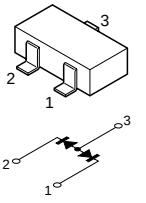

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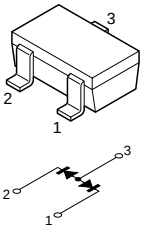
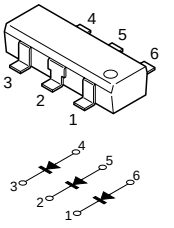
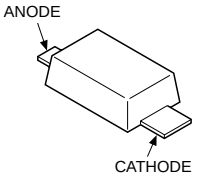


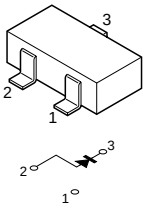
HN1D03FU-TE85L
HN1D03FU-TE85R



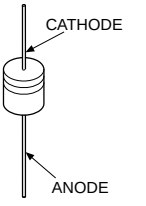
MA8039



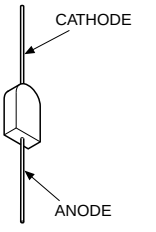
RD16M-B3
RD16M-T1B1
RD18M-B1
RD18M-T1B1
RD30M-T1B
RD39M-B
RD39M-T1B
RD7.5M-B2
RD7.5M-T1B
UZM30B



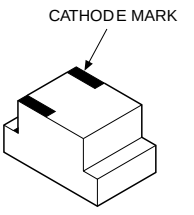
RD5.1SB3-T1
RD5.1SB3-T2



RM11C
RM11C-V1



SEC1801C
SEC1901C
SEC2422C



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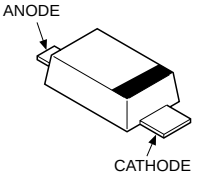

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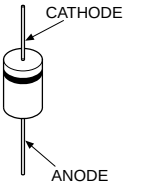


Section 4
Spare Parts

4-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

WARNHINWEIS

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts List has the present standardized repair parts.

3. Stock of Parts

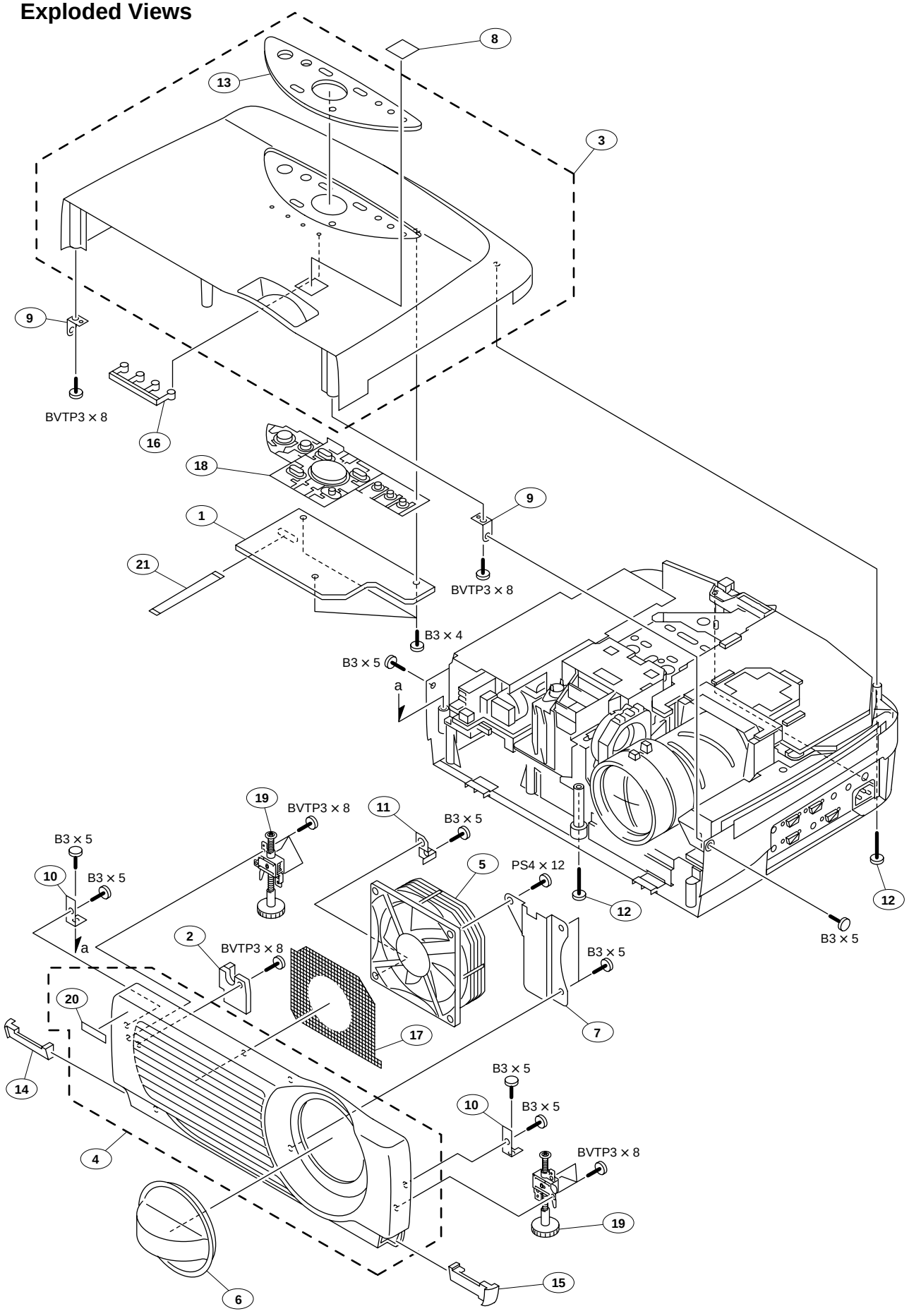
Parts marked with “o” at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed.
Items with no part number and no description are not stocked because they are seldom required for routine service.

4. Units for Capacitors, Inductors and Resistors

The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

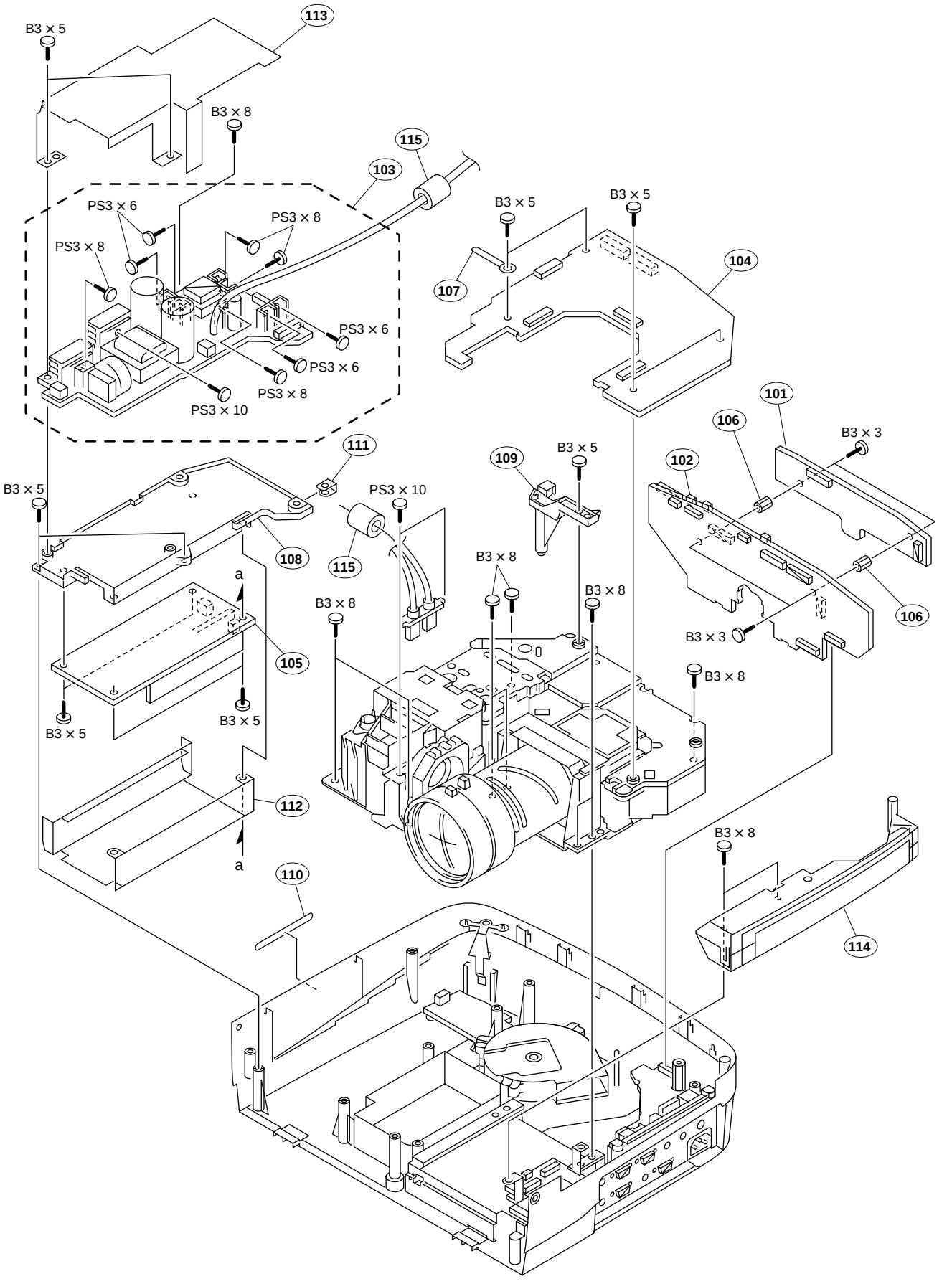
Capacitors	: μF
Inductors	: μH
Resistors	: Ω

4-2. Exploded Views



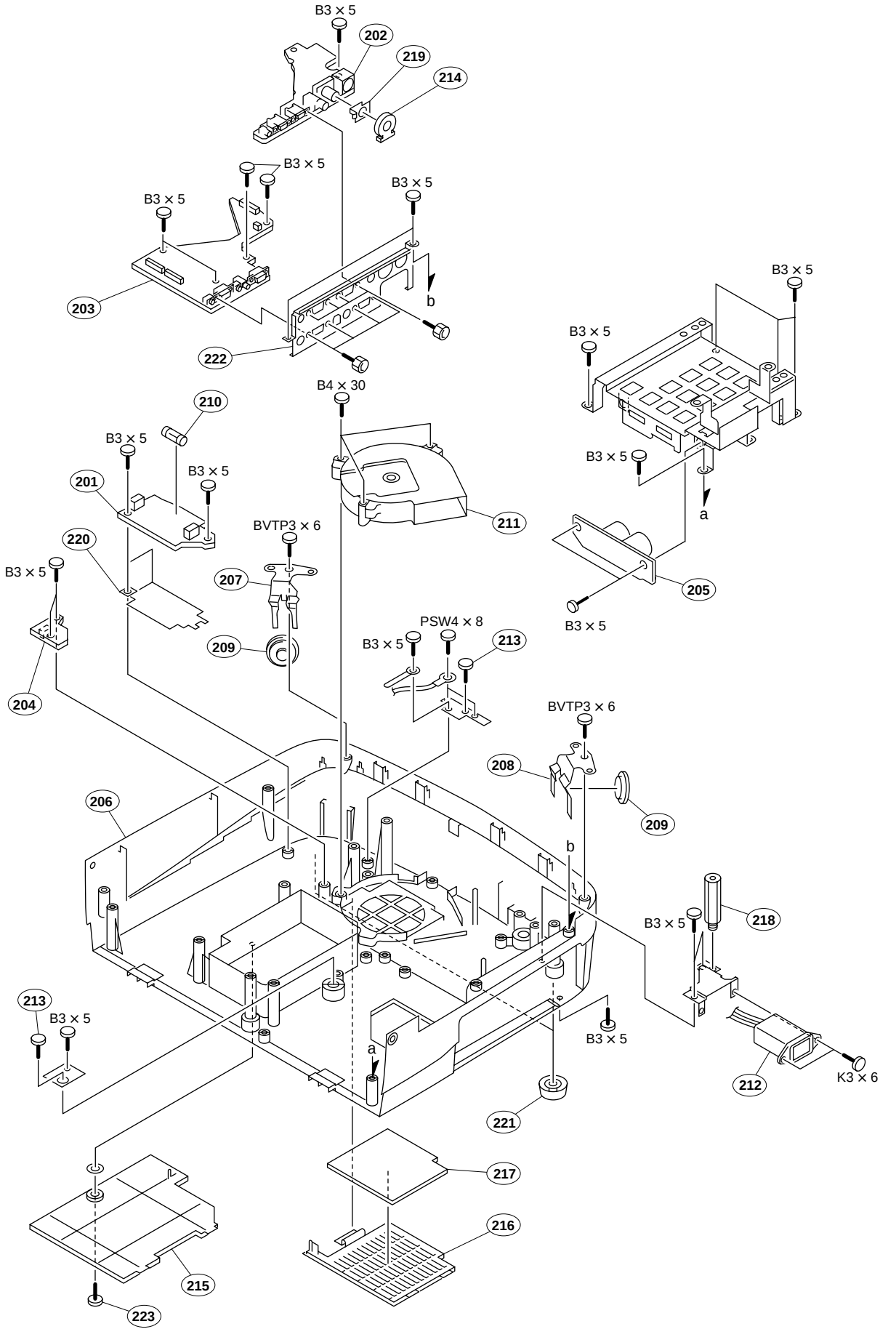
No.	Part No.	SP	Description
1	A-1375-222-A	s	MOUNTED CIRCUIT BOARD, H
2	A-1391-126-A	s	MOUNTED CIRCUIT BOARD, NF
3	X-4039-297-1	s	HOOD ASSY
4	X-4039-298-2	s	FRONT ASSY
5	1-763-422-11	s	FAN, DC
6	4-084-283-01	s	CAP (MAIN), LENS
7	4-084-289-01	s	GUIDE, FRONT
8	4-089-069-01	s	EMBLEM
9	4-084-420-01	o	PLATE (HB)
10	4-084-421-01	o	PLATE (FHB)
11	4-084-422-01	o	BRACKET, FAN
12	4-084-424-01	s	SCREW (+PSW M3X90), SPECIAL
13	4-084-480-01	s	PANEL, KEY
14	4-084-481-01	s	ADJUSTOR BUTTON (R)
15	4-084-482-01	s	ADJUSTOR BUTTON (L)
16	4-084-485-01	o	GUIDE, LED
17	4-084-486-01	s	NET
18	4-084-506-01	s	BUTTON, KEY
19	4-084-605-01	s	ADJUSTOR
20	4-942-568-41	s	EMBLEM (N0.5),SONY
21	1-900-261-38	o	CONNECTOR ASSY, FLAT 24P
	7-682-545-09	s	SCREW +B3X4
	7-682-546-04	s	SCREW +B3X5
	7-682-663-09	s	SCREW +PS 4X12
	7-685-645-79	s	SCREW +BVTP3X6
	7-685-646-21	s	SCREW +BVTP 3X8

Chassis


113
B3 × 5
B3 × 8
115
103
PS3 × 6
PS3 × 8
PS3 × 8
PS3 × 6
PS3 × 6
PS3 × 8
PS3 × 10
B3 × 5
B3 × 5
107
104
101
106
B3 × 3
102
111
109
B3 × 5
B3 × 5
PS3 × 10
108
115
B3 × 8
B3 × 8
B3 × 8
106
B3 × 3
105
a
B3 × 5
B3 × 5
B3 × 8
112
a
110
B3 × 8
114

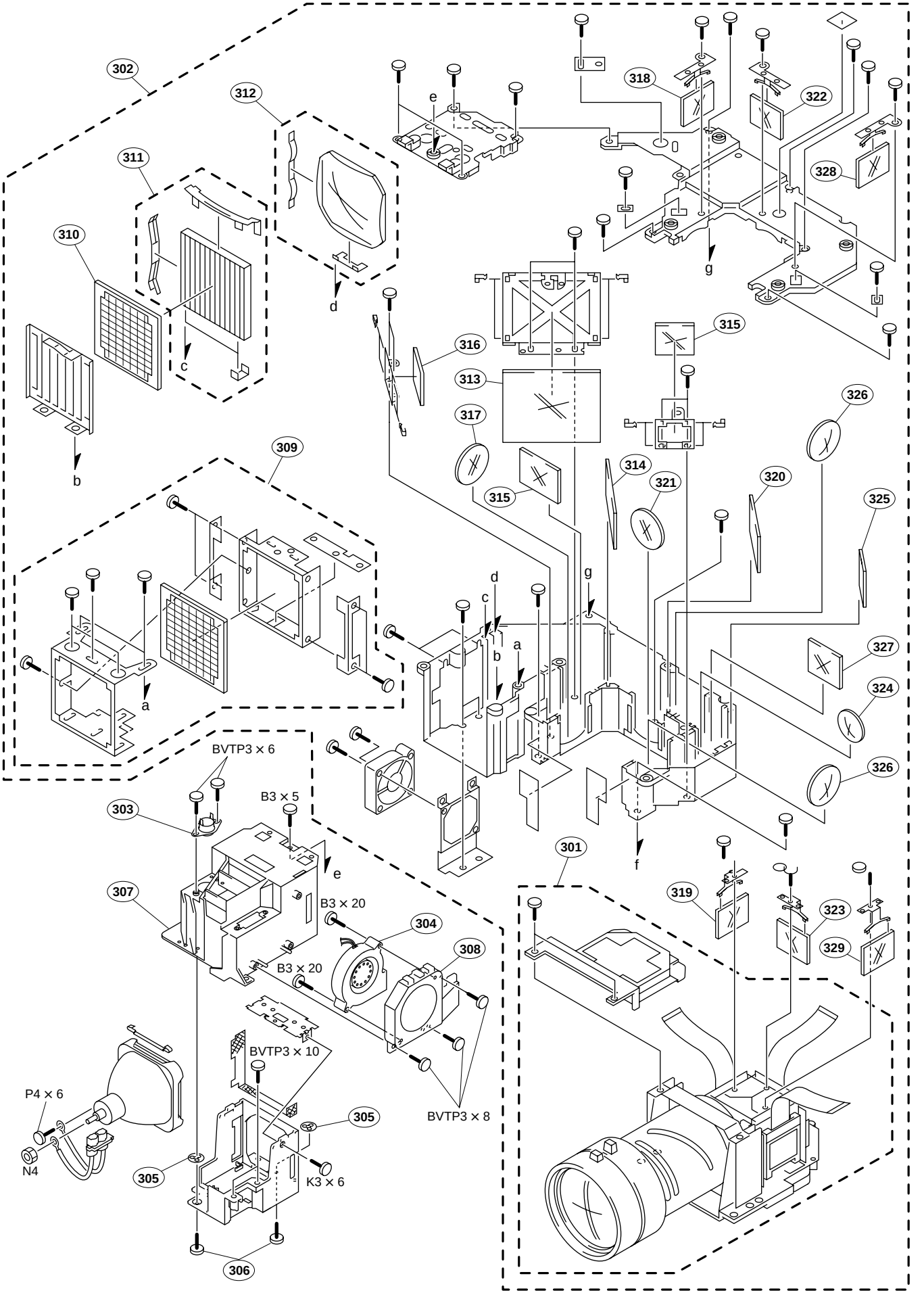
No.	Part No.	SP	Description
101	A-1136-191-A	s	MOUNTED CIRCUIT BOARD, BA
102	A-1401-028-A	s	MOUNTED CIRCUIT BOARD, BB
103	A-1316-573-A	s	MOUNTED CIRCUIT BOARD, G
104	A-1335-141-A	s	MOUNTED CIRCUIT BOARD, C
105	1-468-617-11	s	POWER BLOCK
106	2-280-622-11	s	SUPPORT (M3),HEXAGON
107	3-701-822-00	s	HOLDER, WIRE
108	4-084-284-03	o	BRACKET (G)
109	4-084-288-01	o	BRACKET (BB)
110	4-084-428-02	s	SIDE CUSHION
111	4-084-429-01	o	PLATE (GND)
112	4-084-483-01	o	SHEET (BS)
113	4-084-484-01	o	SHEET (G)
114	4-084-603-01	s	HANDLE
115	1-500-082-11	s	CLAMP, SLEEVE FERRITE
	7-682-544-09	s	SCREW +B3X3
	7-682-546-04	s	SCREW +B3X5
	7-682-548-09	s	SCREW +B 3X8
	7-682-647-09	s	SCREW +PS 3X6
	7-682-648-09	s	SCREW +PS 3X8
	7-682-649-09	s	SCREW +PS 3X10
	7-685-646-21	s	SCREW +BVTP 3X8

Base


B3 × 5
202
219
214
B3 × 5
B3 × 5
B3 × 5
203
b
222
B4 × 30
210
B3 × 5
B3 × 5
201
211
BVTP3 × 6
220
B3 × 5
207
209
204
PSW4 × 8
B3 × 5
213
BVTP3 × 6
208
209
206
b
B3 × 5
218
213
B3 × 5
a
B3 × 5
212
K3 × 6
221
217
216
215
223
B3 × 5
B3 × 5
B3 × 5
a
205
B3 × 5

No.	Part No.	SP	Description
201	A-1241-476-A	s	MOUNTED CIRCUIT BOARD, F
202	A-1401-034-A	s	MOUNTED CIRCUIT BOARD, QA
203	A-1401-035-A	s	MOUNTED CIRCUIT BOARD, QB
204	A-1342-606-A	s	MOUNTED CIRCUIT BOARD, V
205	A-1401-036-A	s	MOUNTED CIRCUIT BOARD, GB
206	X-4040-369-1	s	BASE ASSY
207	X-4040-367-1	s	BRACKET SP (L) ASSY
208	X-4040-368-1	s	BRACKET SP (R) ASSY
209	1-825-172-11	s	SPEAKER
210	⚠ 1-576-233-11	s	FUSE (H.B.C.) 6.3A/250V
211	1-763-417-21	s	FAN, DC
212	⚠ 1-815-295-31	s	INLET, AC (WITH NOISE FILTER)
213	3-359-058-01	s	SCREW (+B5X6) (ST)
214	4-074-246-02	o	SLEEVE, VIDEO
215	4-084-279-01	s	DOOR, LAMP
216	4-084-280-01	s	COVER, FILTER
217	4-084-416-01	s	FILTER
218	4-084-430-01	o	BRACKET, UNIT
219	4-084-433-01	s	SPRING, EARTH
220	4-084-434-01	o	SHEET (F)
221	4-084-604-01	s	FOOT, REAR
222	4-089-116-01	s	PLATE (CP)
223	4-086-247-01	s	SCREW, STEP M3
	7-682-247-09	s	SCREW +K 3X6
	7-682-546-04	s	SCREW +B3X5
	7-682-568-09	s	SCREW +B4X30
	7-682-961-01	s	SCREW +PSW 4X8
	7-685-645-79	s	SCREW +BVTP3X6

Optics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B3 × 5
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BVTP3 × 10
BVTP3 × 8
P4 × 6
N4
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K3 × 6
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No.	Part No.	SP	Description
301	A-1485-456-A	s	PRISM BLOCK ASSY
302	A-1502-011-A	s	OPTICS UNIT SERVICE ASSY
303	⚠ 1-576-523-11	s	THERMOSTAT
304	1-763-730-11	s	FAN, DC
305	3-715-526-01	o	WASHER (M3) (PLA)
306	4-066-202-01	s	SCREW, M3
307	4-084-285-01	s	HOUSING, LAMP
308	4-084-286-01	s	DUCT (LMP)
309	9-885-014-66	o	EYE (A) ASSY, FLY
310	9-885-014-67	o	EYE (B),FLY
311	9-885-014-68	o	PBS ASSY
312	9-885-014-69	o	LENS, MAIN CAPACITOR
313	9-885-014-70	o	MIRROR, ALL REFLECTION (A)
314	9-885-014-71	o	BDM
315	9-885-014-72	o	FILTER, UV ABSORPTION
316	9-885-014-73	o	MIRROR, ALL REFLECTION (B)
317	9-885-014-74	o	LENS, B-CH CAPACITOR
318	9-885-014-75	s	IN-POLARIZER (B)
319	9-885-014-76	s	OUT-POLARIZER (B)
320	9-885-014-77	o	GDM
321	9-885-014-78	o	LENS, G-CH CAPACITOR
322	9-885-014-79	s	IN-POLARIZER (G)
323	9-885-014-80	s	OUT-POLARIZER (G)
324	9-885-014-81	o	LENS (A), RELAY
325	9-885-014-82	o	MIRROR, ALL REFLECTION (C)
326	9-885-014-83	o	LENS (B), RELAY
327	9-885-014-84	o	RDF
328	9-885-014-85	s	IN-POLARIZER (R)
329	9-885-014-86	s	OUT-POLARIZER (R)
	7-682-160-01	s	SCREW +P4X6
	7-682-247-09	s	SCREW +K 3X6
	7-682-546-04	s	SCREW +B3X5
	7-682-553-09	s	SCREW +B3X20
	7-682-647-09	s	SCREW +PS 3X6
	7-684-024-04	s	NUT M4 TYPE2
	7-685-645-79	s	SCREW +BVTP3X6
	7-685-646-21	s	SCREW +BVTP3X8
	7-685-647-79	s	SCREW +BVTP3X10

4-3. Electrical Parts List

BA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1136-191-A	s	MOUNTED CIRCUIT BOARD, BA
C106	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C107	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C108	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C109	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C110	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C111	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C112	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C113	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C114	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C115	1-125-838-11	s	CAPACITOR, CERAMIC 2.2MF/6.3V
C116	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C117	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C118	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C119	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C120	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C121	1-162-913-11	s	CAPACITOR,CHIP CERAMIC 8PF/50V
C122	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C123	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C124	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C125	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C126	1-135-346-11	s	CAP, SOLID ELECT 39MF 16V
C127	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C128	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C129	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C130	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C131	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C132	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C133	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C134	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C135	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C136	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C137	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C138	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C139	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C140	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C141	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C142	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C143	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C144	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C145	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C146	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C147	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C148	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C149	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C150	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C151	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C152	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C153	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C154	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C155	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C156	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C157	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C158	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C159	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C160	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C161	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C162	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(BA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C163	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C164	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C165	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C166	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C167	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C168	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C169	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C181	1-127-573-11	s	CAPACITOR,CERAMIC 1MFB(2012)
C182	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C183	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C184	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C185	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C186	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C187	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C188	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C201	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C202	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-125-837-11	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C216	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C218	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C220	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C221	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C222	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C223	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C224	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C225	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C226	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C227	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C228	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C229	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C235	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C237	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C238	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C239	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C240	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C242	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C243	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C244	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C245	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C246	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C247	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C248	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C250	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C252	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C253	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
CN101	1-779-202-21	s	CONNECTOR, BOARD TO BOARD 70P
D103	8-719-914-43	s	DIODE DAN202K
D201	8-719-914-43	s	DIODE DAN202K

(BA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB101	1-414-235-22	s	INDUCTOR, FERRITE BEAD
FB102	1-414-235-22	s	INDUCTOR, FERRITE BEAD
FB103	1-500-245-11	s	BEAD, FERRITE (CHIP)
FL101	1-239-899-21	s	FILTER, CHIP EMI
FL102	1-239-899-21	s	FILTER, CHIP EMI
FL103	1-239-899-21	s	FILTER, CHIP EMI
FL104	1-239-397-11	s	FILTER, LOW PASS (8MHZ)
FL105	1-239-397-11	s	FILTER, LOW PASS (8MHZ)
FL106	1-239-397-11	s	FILTER, LOW PASS (8MHZ)
IC101	8-752-072-81	s	IC CXA1875AM
IC102	8-759-058-58	s	IC TC7S04FU-TE85R
IC103	8-759-058-58	s	IC TC7S04FU-TE85R
IC104	8-752-094-47	s	IC CXA2123AQ-T6
IC105	8-759-494-88	s	IC TC75S56F(TE85R)
IC106	8-752-390-37	s	IC CXD2064Q(T6)
IC181	8-749-012-17	s	IC RS-140-T
IC201	8-759-684-72	s	IC M24C64-WMN6T(A)
IC202	8-752-086-33	s	IC CXA2101AQ-TL
IC205	8-759-277-63	s	IC TC7W14FU (TE12R)
L104	1-414-753-91	s	INDUCTOR 4.7UH
L105	1-414-753-91	s	INDUCTOR 4.7UH
L106	1-414-753-91	s	INDUCTOR 4.7UH
L107	1-414-753-91	s	INDUCTOR 4.7UH
L108	1-414-753-91	s	INDUCTOR 4.7UH
L109	1-414-235-22	s	INDUCTOR, FERRITE BEAD
L201	1-414-754-11	s	INDUCTOR 10.0UH
L202	1-414-754-11	s	INDUCTOR 10.0UH
L203	1-414-754-11	s	INDUCTOR 10.0UH
L204	1-414-754-11	s	INDUCTOR 10.0UH
Q101	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q102	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q103	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q104	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q105	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q106	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q107	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q108	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q109	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q201	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q203	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q204	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q205	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q207	8-729-216-22	s	TRANSISTOR 2SA1162-G
R104	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R105	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R106	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R107	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R108	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R109	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R110	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R111	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R112	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R114	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R115	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R117	1-218-726-11	s	RESISTOR CHIP 27K 1/16W (1608)
R119	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R120	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R122	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)

(BA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R124	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R125	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R126	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R127	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R128	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R129	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R131	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R133	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R134	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R135	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R136	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R137	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R140	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R141	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R145	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R148	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R151	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R152	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R154	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R155	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R156	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R158	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R159	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R162	1-216-822-11	s	RESISTOR, CHIP 1.2K 1/16W 1608
R163	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R164	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R165	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R166	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R167	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R168	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R169	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R170	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R171	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R172	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R173	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R174	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R175	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R176	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R177	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R178	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R179	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R180	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R181	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R182	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R183	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R184	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R185	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R201	1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R202	1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R203	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R204	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R205	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R206	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R207	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R208	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R209	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R210	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R211	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R213	1-216-863-11	s	RESISTOR,CHIP 3.3M 1/16W 1608

(BA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R214	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R215	1-216-838-11	s	RESISTOR CHIP 27K 1/16W(1608)
R217	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R219	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R220	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R221	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R222	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R223	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R225	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R228	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R229	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R230	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R231	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R233	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R235	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R236	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R237	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R242	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R243	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R244	1-216-091-00	s	RESISTOR CHIP 56K 1/10W(2012)
R245	1-216-091-00	s	RESISTOR CHIP 56K 1/10W(2012)
RB101	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB102	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB103	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
X101	1-781-914-21	s	VIBRATOR, CRYSTAL

BB BOARD

Note

*1: If IC503 or IC601 becomes defective, replace the entire BB board and upgrade the version using a flash memory writer.
IC IC703 is replaced, use the new IC after writing program using flash memory writer.

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1401-028-A	s	MOUNTED CIRCUIT BOARD, BB
C301	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C309	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C311	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C312	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C313	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C318	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C319	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C320	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C321	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C322	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C323	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C324	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C325	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C326	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C327	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C328	1-110-563-11	s	CAPACITOR CERAMIC 0.068MF/16V
C329	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C330	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C331	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C332	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C333	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C334	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C335	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C336	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C337	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C338	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C339	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C340	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C341	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C342	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C343	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C344	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C345	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C346	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C347	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C401	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C402	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C403	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C406	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C407	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C409	1-165-176-11	s	CAPACITOR,CERAMIC 47000PF/16V
C410	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C413	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C414	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C415	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C416	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)

(BB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C417	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C418	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C419	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C420	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C421	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C422	1-164-173-11	s	CAPACITOR,CERAMIC 3900PF/50V B
C423	1-137-652-91	s	CAPACITOR,CERAMIC 39000PF /16V
C424	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C425	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C426	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C428	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C429	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C430	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C431	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C432	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C433	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C434	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C435	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C436	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C437	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C438	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C439	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C441	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C501	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C503	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C504	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C505	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C506	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C507	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C508	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C509	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C510	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C511	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C512	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C513	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C514	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C515	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C516	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C517	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C518	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C520	1-135-592-11	s	CAPACITOR,ELECT 100MF/4V
C521	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C523	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C524	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C525	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C526	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C527	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C528	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C529	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C530	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C531	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C532	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C533	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C534	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C535	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C537	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C589	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C592	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(BB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C593	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C594	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C597	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C602	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C603	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C605	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C606	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C609	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C610	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C612	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C613	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C614	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C615	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C616	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C619	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C620	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C622	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C625	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C629	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C633	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C701	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C702	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C703	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C704	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C705	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C706	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C707	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C708	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C709	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C710	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C711	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C712	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C713	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C714	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C715	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C716	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C717	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C718	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C803	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C804	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C806	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C808	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C810	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C811	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C814	1-135-592-11	s	CAPACITOR,ELECT 100MF/4V
C815	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C816	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C817	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C818	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C819	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C820	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C821	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C822	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C823	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(BB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C824	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C825	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C901	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C927	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C928	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C929	1-107-682-11	s	CAPACITOR,CHIP 1MF/16V (3216)
C930	1-107-682-11	s	CAPACITOR,CHIP 1MF/16V (3216)
C931	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C932	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C934	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C935	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C936	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C937	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN303	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN304	1-785-305-21	o	CONNECTOR, BOARD TO BOARD
CN305	1-785-305-21	o	CONNECTOR, BOARD TO BOARD
CN307	1-793-797-21	o	CONNECTOR, BOARD TO BOARD
CN308	1-785-305-21	o	CONNECTOR, BOARD TO BOARD
CN502	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN509	1-770-624-21	s	PIN, CONNECTOR 7P
CN510	1-770-624-21	s	PIN, CONNECTOR 7P
CN601	1-770-621-21	s	PIN, CONNECTOR 4P
CN701	1-770-625-21	s	PIN, CONNECTOR 8P
CN801	1-815-339-21	o	PIN, CONNECTOR
CN806	1-770-621-21	s	PIN, CONNECTOR 4P
CN810	1-779-730-11	s	CONNECTOR, FFC/FPC (ZIF) 24P
CN811	1-770-622-21	s	PIN, CONNECTOR 5P
CN812	1-770-623-21	s	PIN, CONNECTOR 6P
D306	8-719-988-61	s	DIODE 1SS355TE-17
D307	8-719-988-61	s	DIODE 1SS355TE-17
D501	8-719-914-43	s	DIODE DAN202K
D601	8-719-914-43	s	DIODE DAN202K
D701	8-719-024-77	s	DIODE HN1D03FU-TE85L
D702	8-719-024-77	s	DIODE HN1D03FU-TE85L
D801	8-719-073-11	s	DIODE BZA456A
D802	8-719-073-11	s	DIODE BZA456A
D803	8-719-073-11	s	DIODE BZA456A
D808	8-719-073-11	s	DIODE BZA456A
D901	8-719-914-43	s	DIODE DAN202K
D927	8-719-024-77	s	DIODE HN1D03FU-TE85L
FB301	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB305	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB306	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB501	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB505	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB522	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB601	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB603	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB604	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB605	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB607	1-414-921-11	s	INDUCTOR, FERRITE BEAD

(BB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB608	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB802	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB804	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB805	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB806	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB807	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB808	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB811	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB812	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB813	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB814	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB815	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB816	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB817	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB818	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB819	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB820	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB821	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB822	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FL301	1-239-899-21	s	FILTER, CHIP EMI
IC301	8-759-661-55	s	IC ST24FC21M6TR
IC302	8-759-541-25	s	IC M52758FP
IC303	8-759-646-02	s	IC M52347FP-TE
IC304	8-759-531-92	s	IC TC7WH04FU(TE12R)
IC305	8-759-472-37	s	IC 74VHC240MTCX
IC306	8-759-586-19	s	IC TC7WH123FU(TE12R)
IC307	8-752-072-81	s	IC CXA1875AM
IC308	8-759-471-89	s	IC 74VHC02MTCX
IC309	8-759-335-28	s	IC TA78M09F (TE16L)
IC310	8-759-661-55	s	IC ST24FC21M6TR
IC401	8-759-659-65	s	IC LP2985IM5X-3.3
IC402	8-759-645-12	s	IC AD9884AKS-140
IC405	8-759-683-96	s	IC MK1714-01RT
IC501	8-759-544-01	s	IC S-80828ANNP-EDR-T2
IC502	8-759-471-89	s	IC 74VHC02MTCX
IC503 *1	----------		IC PW164A-10TK
IC505	6-700-795-01	s	IC MBM29LV800TA-70PFTN
IC547	8-759-471-85	s	IC 74VHC00MTCX
IC548	8-759-472-14	s	IC 74VHC125MTCX
IC550	8-759-472-14	s	IC 74VHC125MTCX
IC551	8-759-439-67	s	IC TC7W126FU(TE12R)
IC601 *1	----------		IC CXD9607GB
IC602	8-759-475-43	s	IC TC74LCX125FT(EL)
IC604	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC605	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC606	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC607	8-759-544-01	s	IC S-80828ANNP-EDR-T2
IC608	8-759-684-72	s	IC M24C64-WMN6T(A)
IC609	8-759-662-35	s	IC 74VHCT04MTCX
IC610	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC615	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC616	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC701	8-759-582-91	s	IC S-80842ANNP-ED6-T2
IC702	8-759-544-01	s	IC S-80828ANNP-EDR-T2
IC703 *1	----------		IC HD64F2633TE
IC704	8-759-659-65	s	IC LP2985IM5X-3.3
IC705	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC801	8-759-388-31	s	IC PQ20VZ1U

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Ref. No. or Q'ty	Part No.	SP	Description
IC802	8-759-460-81	s	IC BA12FP-E2
IC803	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC806	8-759-582-37	s	IC PQ2TZ15U
IC807	8-759-533-85	s	IC L88M05T-FA-TL
IC808	8-759-460-72	s	IC BA033FP
IC809	8-759-533-85	s	IC L88M05T-FA-TL
IC810	8-759-478-92	s	IC TC7SET04FU(TE85R)
IC901	8-759-277-63	s	IC TC7W14FU (TE12R)
IC927	8-759-472-12	s	IC 74VHC123AMTCX
IC928	8-759-082-58	s	IC TC7W08FU
IC929	8-759-662-35	s	IC 74VHCT04MTCX
IC930	8-759-083-94	s	IC TC7W74FU
IC932	8-759-472-14	s	IC 74VHC125MTCX
IC933	8-759-082-59	s	IC TC7W32FU
IC934	8-759-472-14	s	IC 74VHC125MTCX
IC935	8-759-472-14	s	IC 74VHC125MTCX
L401	1-412-057-11	s	INDUCTOR (SMALL TYPE) 6.8UH
L402	1-469-528-91	s	INDUCTOR 100UH (NLFV25)
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q303	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q304	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q401	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q524	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q601	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q602	8-729-026-49	s	TRANSISTOR 2SA1037AK-T146-R
Q603	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q604	8-729-202-38	s	TRANSISTOR 2SC3326N-A
R301	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R302	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R303	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R304	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R305	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R306	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R307	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R309	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R311	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R312	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R313	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R314	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R315	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R316	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R317	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R318	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R319	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R320	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R321	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R322	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R323	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R324	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R325	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R326	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R327	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R328	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R329	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R330	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R331	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R332	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP	Description
R333	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R334	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R335	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R336	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R337	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R338	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R339	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R340	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R341	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R342	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R343	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R344	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R347	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R348	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R349	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R350	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R351	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R352	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R353	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R354	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R355	1-216-811-11	s	RESISTOR, CHIP 150 1/16W(1608)
R356	1-216-810-11	s	RESISTOR, CHIP 120 1/16W 1608
R357	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R358	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R359	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R360	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R401	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R402	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R403	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R405	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R406	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R407	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R408	1-216-851-11	s	RESISTOR,CHIP 330K 1/16W 1608
R412	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R413	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R415	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R416	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R417	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R418	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R423	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R424	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R425	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R426	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R427	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R428	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R429	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R430	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R431	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R432	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R433	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R441	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R443	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R501	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R502	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R503	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R506	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R510	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R511	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R512	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP	Description
R513	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R514	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R515	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R516	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R517	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R518	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R565	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R566	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R567	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R568	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R569	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R570	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R571	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R574	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R575	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R601	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R602	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R603	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R604	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R605	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R606	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R607	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R608	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R609	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R610	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R611	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R612	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R613	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R614	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R615	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R616	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R617	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R618	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R619	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R620	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R621	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R622	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R623	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R624	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R625	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R626	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R627	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R631	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R632	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R634	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R636	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R637	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R639	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R652	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R653	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R654	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R655	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R663	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R666	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R667	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R668	1-216-801-11	s	RESISTOR,CHIP 22 1/16W (1608)
R669	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R670	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R672	1-216-864-11	s	CONDUCTOR, CHIP (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R673	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R675	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R676	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R677	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R678	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R701	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R702	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R703	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R704	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R705	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R706	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R709	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R710	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R711	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R712	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R713	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R715	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R716	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R717	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R719	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R720	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R721	1-218-703-11	s	RESISTOR,CHIP 3.0K 1/16(1608)
R722	1-218-675-11	s	RESISTOR,CHIP 200 1/16W (1608)
R726	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R727	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R729	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R735	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R736	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R740	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R741	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R746	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R748	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R749	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R753	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R754	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R755	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R756	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R757	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R758	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R802	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R803	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R804	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R805	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R806	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R808	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R810	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R812	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R818	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R824	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R826	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R827	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R828	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R829	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R830	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R867	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R868	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R918	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R919	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R927	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP	Description
R928	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R938	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R939	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R940	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R941	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R965	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R966	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R967	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R968	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R969	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
RB402	1-233-574-11	s	RESISTOR,CHIP NETWORK 10
RB403	1-233-574-11	s	RESISTOR,CHIP NETWORK 10
RB404	1-233-574-11	s	RESISTOR,CHIP NETWORK 10
RB405	1-233-574-11	s	RESISTOR,CHIP NETWORK 10
RB406	1-233-574-11	s	RESISTOR,CHIP NETWORK 10
RB407	1-233-574-11	s	RESISTOR,CHIP NETWORK 10
RB415	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB601	1-233-575-11	s	RES, CHIP NETWORK 22
RB602	1-233-575-11	s	RES, CHIP NETWORK 22
RB603	1-233-575-11	s	RES, CHIP NETWORK 22
RB604	1-233-575-11	s	RES, CHIP NETWORK 22
RB605	1-233-575-11	s	RES, CHIP NETWORK 22
RB606	1-233-575-11	s	RES, CHIP NETWORK 22
RB608	1-233-575-11	s	RES, CHIP NETWORK 22
RB610	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB612	1-233-575-11	s	RES, CHIP NETWORK 22
RB613	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB614	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB701	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB702	1-233-412-11	s	RESISTOR,CHIP NETWORK 1K
RB703	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB704	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB705	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB706	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB707	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB708	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB709	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB710	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB711	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB712	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB713	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB714	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB715	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB716	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB801	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB802	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
S601	1-771-337-21	s	SWITCH, SLIDE
S901	1-771-337-21	s	SWITCH, SLIDE
TH301	9-910-999-31	s	SUPPLY END
TP301	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP302	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP303	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP401	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP402	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP601	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP610	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP620	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

(BB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
TP621	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP701	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP808	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X401	1-795-068-11	s	VIBRATOR, CRYSTAL
X501	1-795-260-21	s	OSCILLATOR, CRYSTAL
X701	1-781-659-11	s	VIBRATOR, CRYSTAL

C BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1335-141-A	s	MOUNTED CIRCUIT BOARD, C
C101	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C107	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C109	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C112	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C113	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C123	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C283	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C302	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C303	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C304	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C305	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C306	1-126-602-11	s	CAPACITOR,ELECT 3.3MF/50V(CHIP
C307	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C308	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C309	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C310	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C311	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C312	1-126-602-11	s	CAPACITOR,ELECT 3.3MF/50V(CHIP
C313	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C314	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C315	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C316	1-126-602-11	s	CAPACITOR,ELECT 3.3MF/50V(CHIP
C317	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C318	1-135-347-11	s	CAP, SOLID ELECT 82MF
C320	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C321	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C322	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C323	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C324	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C325	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C326	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C327	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C329	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C500	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C501	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C503	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C504	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C505	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C506	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C507	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C508	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C509	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C510	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C511	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C512	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C513	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C514	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C515	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C516	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C517	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C518	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C519	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C520	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C521	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C522	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C523	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C524	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C525	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C526	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C527	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C528	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C529	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C530	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C531	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C532	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C600	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C601	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C602	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C603	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C604	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C605	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C606	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C607	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C608	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C609	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C610	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C612	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C613	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C614	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C615	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C616	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C618	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C619	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C620	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C622	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C624	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C625	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C626	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C627	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C628	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C629	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C630	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C631	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C632	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C700	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C701	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C702	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C703	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C704	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C705	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C706	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C707	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C708	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C709	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C710	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C711	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C712	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C713	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C714	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C715	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C716	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C717	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C718	1-125-889-11	s	CAPACITOR, C.CERAMIC 2.2MF
C719	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C720	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C721	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C722	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C723	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C724	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C725	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C726	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C727	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C728	1-128-400-11	s	CAPACITOR, ELECT 47MF/25V
C729	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C730	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C731	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C732	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
CN1201	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN1202	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN1203	1-760-388-11	o	CONNECTOR PIN (SMD) 9 PIN
CN1205	1-794-695-11	s	CONNECTOR, FFC/FPC 30P
CN1207	1-794-695-11	s	CONNECTOR, FFC/FPC 30P
CN1209	1-794-695-11	s	CONNECTOR, FFC/FPC 30P
D301	8-719-988-61	s	DIODE 1SS355TE-17
D302	8-719-988-61	s	DIODE 1SS355TE-17
D303	8-719-988-61	s	DIODE 1SS355TE-17
D304	8-719-988-61	s	DIODE 1SS355TE-17
D305	8-719-988-61	s	DIODE 1SS355TE-17
D306	8-719-159-13	s	DIODE RD5.1SB3-T2 (5MA)
D307	8-719-159-13	s	DIODE RD5.1SB3-T2 (5MA)
D308	8-719-159-13	s	DIODE RD5.1SB3-T2 (5MA)
D500	8-719-988-61	s	DIODE 1SS355TE-17
D600	8-719-988-61	s	DIODE 1SS355TE-17
D700	8-719-988-61	s	DIODE 1SS355TE-17
FB109	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB110	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB121	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB301	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB305	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB306	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB500	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB501	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB504	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB505	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB506	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB600	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB601	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB603	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB604	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB605	1-414-921-11	s	INDUCTOR, FERRITE BEAD

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB606	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB700	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB701	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB704	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB705	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB706	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC104	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC105	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC106	8-759-478-92	s	IC TC7SET04FU(TE85R)
IC107	8-759-570-08	s	IC TC7SET32FU(TE85R)
IC109	8-759-388-31	s	IC PQ20VZ1U
IC301	8-759-645-13	s	IC ADV7123KST140
IC302	8-759-584-86	s	IC M52749FP-TP
IC303	8-759-571-03	s	IC LM4041DIM3-1.2(T&R)
IC304	8-759-542-46	s	IC M62392FP
IC305	8-759-542-46	s	IC M62392FP
IC500	8-759-686-68	s	IC ET1030F0A
IC501	8-752-093-18	s	IC CXA3512R-T6
IC502	8-752-093-18	s	IC CXA3512R-T6
IC600	8-759-686-68	s	IC ET1030F0A
IC601	8-752-093-18	s	IC CXA3512R-T6
IC602	8-752-093-18	s	IC CXA3512R-T6
IC700	8-759-686-68	s	IC ET1030F0A
IC701	8-752-093-18	s	IC CXA3512R-T6
IC702	8-752-093-18	s	IC CXA3512R-T6
L301	1-469-525-91	s	INDUCTOR 10UH (NLFV25)
L302	1-469-525-91	s	INDUCTOR 10UH (NLFV25)
L303	1-469-525-91	s	INDUCTOR 10UH (NLFV25)
L500	1-414-170-41	s	INDUCTOR, CHIP 100UH (2012)
L501	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L502	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L600	1-414-170-41	s	INDUCTOR, CHIP 100UH (2012)
L601	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L700	1-414-170-41	s	INDUCTOR, CHIP 100UH (2012)
L701	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
Q301	8-729-112-65	s	TRANSISTOR 2SA1462
Q302	8-729-112-65	s	TRANSISTOR 2SA1462
Q303	8-729-112-65	s	TRANSISTOR 2SA1462
Q304	8-729-112-65	s	TRANSISTOR 2SA1462
Q500	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q501	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q502	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q503	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q504	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q600	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q601	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q602	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q603	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q604	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q700	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q702	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q703	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q704	8-729-905-35	s	TRANSISTOR 2SC4081-R

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R101	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R102	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R103	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R128	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R129	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R130	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R131	1-218-702-11	s	RESISTOR CHIP 2.7K 1/16W(1608)
R132	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R133	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R135	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R136	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R137	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R138	1-218-723-11	s	RESISTOR,CHIP 20K 1/16W(1608)
R139	1-218-685-11	s	RESISTOR,CHIP 510 1/16W
R140	1-218-714-11	s	RESISTOR,CHIP 8.2K 1/16W(1608)
R141	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R301	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R302	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R303	1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R304	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R305	1-216-808-11	s	RESISTOR,CHIP 82 1/16W 1608
R306	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R307	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R309	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R310	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R311	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R312	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R313	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R314	1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R315	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R317	1-216-808-11	s	RESISTOR,CHIP 82 1/16W 1608
R318	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R319	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R320	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R322	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R323	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R324	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R325	1-216-816-11	s	RESISTOR, CHIP 390 1/16W 1608
R326	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R327	1-216-819-11	s	RESISTOR,CHIP 680 1/16W 1608
R328	1-216-808-11	s	RESISTOR,CHIP 82 1/16W 1608
R329	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R330	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R331	1-218-688-11	s	RESISTOR,CHIP 680 1/16W(1608)
R332	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R333	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R334	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R335	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R336	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R337	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R338	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R339	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R340	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R341	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R342	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R343	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R344	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R345	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R346	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R347	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R348	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R349	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R350	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R351	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R352	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R353	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R354	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R355	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R500	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R501	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R502	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R503	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R504	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R505	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R506	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R507	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R508	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R509	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R510	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R511	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R512	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R513	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R514	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R515	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R518	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R521	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R524	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R526	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R527	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R528	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R529	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R530	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R531	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R532	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R533	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R534	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R535	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R536	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R537	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R538	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R539	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R600	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R601	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R602	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R603	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R604	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R605	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R606	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R607	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R608	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R609	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R610	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R611	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R612	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R613	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R614	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R615	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R618	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R621	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R624	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R626	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R627	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R628	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R629	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R630	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R631	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R632	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R633	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R634	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R635	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R636	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R637	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R638	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R639	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R700	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R701	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R702	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R703	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R704	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R705	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R706	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R707	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R708	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R709	1-216-797-11	s	RESISTOR,CHIP 10 1/16W 1608
R710	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R711	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R712	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R713	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R714	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R715	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R718	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R721	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R724	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R726	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R727	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R728	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R729	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R730	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R731	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R732	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R733	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R734	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R735	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R736	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R737	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R738	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R739	1-216-864-11	s	CONDUCTOR, CHIP (1608)
RB301	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB302	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB303	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB304	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB306	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
TH101	1-808-656-11	s	THERMISTOR
TH102	1-808-656-11	s	THERMISTOR
TP108	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP111	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
TP112	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP113	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP114	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP115	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP201	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP202	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP203	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP204	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP205	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP206	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP207	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP208	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP209	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP301	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP302	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP303	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP304	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP305	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP306	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP307	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP308	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP309	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP310	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP311	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP500	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP501	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP502	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP600	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP601	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP602	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP700	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP701	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP702	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

F BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1241-476-A	s	MOUNTED CIRCUIT BOARD, F
C1001 ⚠	1-115-166-11	s	CAPACITOR,FILM 0.22MF/250VAC
C1002 ⚠	1-107-533-11	s	CAPACITOR FILM 1MF/250VAC
CN1001	1-691-960-21	o	PIN, CONNECTOR (PC BOARD) 3P
CN1002	1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
F1001 ⚠	1-576-233-11	s	FUSE (H.B.C.) 6.3A/250V
FH1001	1-533-223-11	s	CLIP,FUSE
FH1002	1-533-223-11	s	CLIP,FUSE
L1001 ⚠	1-415-967-11	s	COIL, CHOKE 5MMH
R1001 ⚠	1-202-847-00	s	RESISTOR,SOLID 560K 1/2W
VD1001 ⚠	1-801-268-11	s	VARISTOR (TNR14V471K660)

G BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1401-030-A	s	MOUNTED CIRCUIT BOARD, G
C1101	1-117-228-11	s	CAPACITOR,FILM 2.2MF/450V
C1102	1-135-449-11	s	CAPCITOR ELECT 220MF/450V
C1103	1-135-449-11	s	CAPCITOR ELECT 220MF/450V
C1104	1-117-227-11	s	CAPACITOR,PE FILM 1.0MF/450V
C1105	1-137-639-11	s	CAPACITOR,PE FILM 0.47MF
C1106	1-107-909-11	s	CAPACITOR,ELECT 47MF/50V
C1107	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1108	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C1109	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C1110	1-115-786-11	s	CAPACITOR,ELECT 560MF/25V(105C
C1111	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C1112	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1113	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C1114	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1115	1-136-479-11	s	CAPACITOR FILM 0.001MF/100V PP
C1116	1-111-066-11	s	CAPACITOR,ELECT 820MF/25V 105
C1117	1-130-495-00	s	CAPACITOR FILM 0.1MF/50V PETP
C1118	1-107-911-11	s	CAPACITOR,ELECT 220MF/50V
C1119	1-126-393-11	s	CAPACITOR ELECT 33MF/10V(CHIP)
C1120	1-109-994-11	s	CAPACITOR,CHIP CERAMIC 2.2MF B
C1121	1-137-754-81	s	CAPACITOR,PP FILM 6800PF
C1122	1-115-743-11	s	CAPACITOR ELECT 3300MF/10V 105
C1123	1-107-823-11	s	CAPACITOR,CERAMIC 0.47MF/16V
C1124	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C1125	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1126	1-126-967-11	s	CAPACITOR,ELECT 47MF/50V
C1127	1-163-021-91	s	CAPACITOR, CERAMIC 0.01MF/50V
C1128	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C1129	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1131	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1132	1-109-994-11	s	CAPACITOR,CHIP CERAMIC 2.2MF B
C1133	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1135	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1138	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1141	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1145	1-135-341-11	s	CAPACITOR,SOLID ELECT 330MF
C1151	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1155	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1156	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C1157	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1158	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C1159	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1160	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1161	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C1162	1-126-391-11	s	CAPACITOR ELECT 47MF/6.3V(105)
C1163	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C1164	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C1165	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C1166	1-117-370-11	s	CAPASITER CERAMIC 10MF (3216)
C1167	1-107-889-11	s	CAPACITOR, ELECT 220MF/25V
CN1101	1-564-710-11	o	PIN,CONNECTOR (8P)
CN1102	1-691-960-21	o	PIN, CONNECTOR (PC BOARD) 3P
CN1104	1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN1107	1-815-206-21	o	PIN, CONNECTOR 50P
CN1108	1-564-714-11	o	PIN, CONNECTOR (12P)
D1101	8-719-304-63	s	DIODE RM11C (RECTI)
D1102 ⚠	8-719-066-75	s	DIODE D6SB80

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description	
D1103	8-719-055-30	s	DIODE D1FS4A-TA	
D1104	8-719-055-30	s	DIODE D1FS4A-TA	
D1105	8-719-106-99	s	DIODE RD16M-B3	
D1106	8-719-057-96	s	DIODE D10SDC6M-4012	
D1107	8-719-073-01	s	DIODE MA111-(K8).S0	
D1108	8-719-107-13	s	DIODE RD18M-B1	
D1109	8-719-073-01	s	DIODE MA111-(K8).S0	
D1110	8-719-510-12	s	DIODE D10SC4M	
D1111	8-719-073-01	s	DIODE MA111-(K8).S0	
D1112	8-719-073-01	s	DIODE MA111-(K8).S0	
D1113	8-719-073-52	s	DIODE D2FS6-TA	
D1114	8-719-510-12	s	DIODE D10SC4M	
D1115	8-719-073-01	s	DIODE MA111-(K8).S0	
D1116	8-719-979-64	s	DIODE UF4005PKG23	
D1117	8-719-073-01	s	DIODE MA111-(K8).S0	
D1118	8-719-055-30	s	DIODE D1FS4A-TA	
D1120	8-719-106-23	s	DIODE RD7.5M-B2	
D1121	8-719-118-18	s	DIODE RD39M-B	
D1124	8-719-055-30	s	DIODE D1FS4A-TA	
D1130	8-719-054-47	s	DIODE D3FS4A-TA	
D1132	8-719-073-01	s	DIODE MA111-(K8).S0	
D1133	8-719-073-01	s	DIODE MA111-(K8).S0	
D1134	8-719-914-43	s	DIODE DAN202K	
D1135	8-719-914-43	s	DIODE DAN202K	
D1136	8-719-073-01	s	DIODE MA111-(K8).S0	
D1137	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1138	8-719-022-76	s	DIODE UZM30B	
IC1101	8-749-015-27	s	IC MZ1540	
IC1102	8-759-670-30	s	IC MCZ3001D	
IC1103	8-759-533-85	s	IC L88M05T-FA-TL	
IC1104	8-759-533-85	s	IC L88M05T-FA-TL	
IC1105	8-759-388-23	s	IC TL431BCDR2	
IC1107	8-759-650-38	s	IC LT1374IS8	
IC1109	8-759-592-79	s	IC BA00AST	
IC1110	8-759-592-79	s	IC BA00AST	
IC1111	8-759-066-55	s	IC TA75W393FU	
IC1112	8-759-066-55	s	IC TA75W393FU	
IC1113	8-759-144-72	s	IC UPC358G2-E2	
L1101	1-419-302-11	s	COIL, CHOKE 250UH	
L1102	1-419-987-11	s	COIL, CHOKE 1290UH	
L1104	1-416-606-11	s	COIL, CHOKE (SMD)	
L1105	1-409-579-11	s	COIL, CHOKE 8.2UH	
L1106	1-409-579-11	s	COIL, CHOKE 8.2UH	
L1107	1-416-948-21	s	COIL, CHOKE (SMD)	
PH1101	8-749-010-64	s	PHOTO COUPLER PC123F2	
PH1102	8-749-010-64	s	PHOTO COUPLER PC123F2	
PH1103	8-749-010-64	s	PHOTO COUPLER PC123F2	
Q1101	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L	
Q1102	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L	
Q1103	8-729-048-69	s	TRANSISTOR 2SJ530S-TL	
Q1104	8-729-049-51	s	TRANSISTOR 2SK2876-01MR-F119	
Q1105	8-729-048-69	s	TRANSISTOR 2SJ530S-TL	
Q1106	8-729-049-51	s	TRANSISTOR 2SK2876-01MR-F119	
Q1107	8-729-048-69	s	TRANSISTOR 2SJ530S-TL	
Q1108	8-729-230-49	s	TRANSISTOR 2SC2712-YG	
Q1109	8-729-216-22	s	TRANSISTOR 2SA1162-G	
Q1111	8-729-230-49	s	TRANSISTOR 2SC2712-YG	

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q1112	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q1113	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q1114	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q1115	1-801-806-11	s	TRANSISTOR DTC144EKA
R1101	1-219-363-11	s	RESISTOR, CEMENT 5.6/5W (FUSE)
R1102	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1103	1-219-738-11	s	RES, 0.08 (REGISTOR, METAL)
R1104	1-220-269-11	s	RESISTOR, CHIP 330 1/2W (4532)
R1105	1-220-269-11	s	RESISTOR, CHIP 330 1/2W (4532)
R1106	1-216-063-91	s	RESISTOR,CHIP 3.9K 1/10W(2125)
R1107	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1108	1-249-389-11	s	RES,CARBON 4.7 1/4W
R1109	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R1110	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R1111	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R1112	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R1113	1-202-933-61	s	RESISTOR, FUSE 0.1 1/2W
R1114	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1115	1-216-095-00	s	RESISTOR, CHIP 82K 1/10W(2012)
R1116	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R1117	1-216-681-11	s	RESISTOR,CHIP 18K 1/10W (2012)
R1118	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1119	1-249-417-11	s	RESISTOR,CARBON 1K 1/4W(SMALL)
R1120	1-216-681-11	s	RESISTOR,CHIP 18K 1/10W (2012)
R1121	1-216-647-11	s	RESISTOR,CHIP 680 1/10W (2012)
R1122	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R1123	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R1124	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R1125	1-216-677-11	s	RESISTOR,CHIP 12K 1/10W(2012)
R1126	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1127	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1128	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R1129	1-249-401-11	s	RES,CARBON 47 1/4W (SMALL)
R1130	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)
R1131	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R1132	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1133	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R1134	1-216-037-00	s	RESISTOR,CHIP 330 1/10W(2012)
R1135	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R1136	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R1137	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R1138	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1139	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1140	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)
R1141	1-216-041-00	s	RESISTOR, CHIP 470 1/10W(2012)
R1142	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R1143	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R1144	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1145	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1146	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R1148	1-216-075-00	s	RESISTOR CHIP 12K 1/10W(2012)
R1151			
R1152	1-216-097-00	s	RESISTOR CHIP 100K 1/10W(2012)
R1153	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R1154	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R1155	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1157	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R1158	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R1165	1-216-295-91	s	CONDUCTOR, CHIP (2012)

(G BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1169	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1171	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R1173	1-208-819-11	s	RESISTOR,CHIP 36K 1/10W (2125)
R1174	1-208-817-11	s	RESISTOR,CHIP 30K 1/10W (2012)
R1175	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1176	1-216-085-00	s	RESISTOR CHIP 33K 1/10W(2012)
R1177	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R1178	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1179	1-208-819-11	s	RESISTOR,CHIP 36K 1/10W (2125)
R1180	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1181	1-216-085-00	s	RESISTOR CHIP 33K 1/10W(2012)
R1182	1-208-817-11	s	RESISTOR,CHIP 30K 1/10W (2012)
R1183	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R1186	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1187	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R1188	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R1189	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1190	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R1191	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R1192	1-216-075-00	s	RESISTOR CHIP 12K 1/10W(2012)
R1193	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1194	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1195	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R1196	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1197	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1198	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1199	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1200	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1201	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1202	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1203	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1204	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R1205	1-216-089-91	s	RESISTOR, CHIP 47K 1/10W(2012)
R1206	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R1207	1-216-097-00	s	RESISTOR CHIP 100K 1/10W(2012)
R1208	1-216-085-00	s	RESISTOR CHIP 33K 1/10W(2012)
R1209	1-216-081-00	s	RESISTOR,CHIP 22K 1/10W(2012)
R1210	1-216-109-00	s	RESISTOR CHIP 330K 1/10W(2012)
R1211	1-216-109-00	s	RESISTOR CHIP 330K 1/10W(2012)
R1212	1-216-295-91	s	CONDUCTOR, CHIP (2012)
RY2101 ⚠	1-755-275-11	s	RELAY, AC POWER (12V)
T1101	1-437-301-11	s	TRANSFORMER, CONVERTER (PIT)

GB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1401-036-A	s	MOUNTED CIRCUIT BOARD, GB
C1301	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C1302	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C1303	1-137-942-21	s	CAP, ALUMINIUM ELECT
C1304	1-100-117-11	s	CAP,DOUBLE LAYERS
C1305	1-100-117-11	s	CAP,DOUBLE LAYERS
CN1301	1-564-706-11	o	PIN,CONNECTOR (4P)
CN1302	1-564-705-11	o	PIN,CONNECTOR (3P)
D1301	9-910-999-34	s	DELETED FROM RP MASTER
D1302	9-910-999-34	s	DELETED FROM RP MASTER
D1303	9-910-999-34	s	DELETED FROM RP MASTER
R1301	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R1302	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1303	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R1304	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)
R1305	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R1306	1-218-627-11	s	RESISTOR,CHIP 120/1W (6331)
R1307	1-218-627-11	s	RESISTOR,CHIP 120/1W (6331)
R1308	1-216-073-00	s	RESISTOR,CHIP 10K 1/10W(2012)
R1309	1-216-061-00	s	RESISTOR CHIP 3.3K 1/10W(2012)

H BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1375-222-A	s	MOUNTED CIRCUIT BOARD, H
C601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN10	1-774-261-11	o	CONNECTOR, FFC (ZIF) 24P
D601	8-719-045-61	s	DIODE SEC1901C
D602	8-719-045-61	s	DIODE SEC1901C
D603	8-719-045-53	s	DIODE SEC1801C
D604	8-719-941-86	s	DIODE DAN202U
D605	8-719-941-86	s	DIODE DAN202U
D606	8-719-941-86	s	DIODE DAN202U
D607	8-719-941-86	s	DIODE DAN202U
D608	8-719-045-51	s	DIODE SEC2422C
D609	8-719-941-09	s	DIODE DAP202U
D610	8-719-941-09	s	DIODE DAP202U
D611	8-719-941-09	s	DIODE DAP202U
D612	8-719-941-09	s	DIODE DAP202U
Q601	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
R603	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R604	1-216-838-11	s	RESISTOR CHIP 27K 1/16W(1608)
R605	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R606	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R607	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R608	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R609	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R610	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R611	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R612	1-216-838-11	s	RESISTOR CHIP 27K 1/16W(1608)
R613	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R614	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R615	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R616	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R617	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R618	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R619	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R620	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
S601	1-771-105-11	s	SWITCH, TACTILE
S602	1-771-105-11	s	SWITCH, TACTILE
S603	1-771-105-11	s	SWITCH, TACTILE
S604	1-771-105-11	s	SWITCH, TACTILE
S605	1-771-105-11	s	SWITCH, TACTILE
S606	1-771-105-11	s	SWITCH, TACTILE
S607	1-771-105-11	s	SWITCH, TACTILE
S608	1-771-105-11	s	SWITCH, TACTILE
S609	1-771-105-11	s	SWITCH, TACTILE
S610	1-771-105-11	s	SWITCH, TACTILE
S611	1-771-105-11	s	SWITCH, TACTILE
S612	1-771-105-11	s	SWITCH, TACTILE
S613	1-771-105-11	s	SWITCH, TACTILE

NF BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1391-126-A	s	MOUNTED CIRCUIT BOARD, NF
C071	1-127-573-11	s	CAPACITOR,CERAMIC 1MFB(2012)
CN15	1-691-550-11	s	PIN,CONNECTOR (3P)(SMD)(1.5MM)
IC071	8-749-012-17	s	IC RS-140-T
R071	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R072	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608

QA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1401-034-A	s	MOUNTED CIRCUIT BOARD, QA
C100	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C101	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C102	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C103	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C104	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C105	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C106	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C107	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C108	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C109	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C110	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C111	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C112	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C113	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C114	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C115	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C116	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C200	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C201	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C202	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C203	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C208	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C213	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C215	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C216	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C217	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C219	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C220	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C223	1-113-642-11	s	CAPACITOR, TANTALUM 47MF/10V
C224	1-126-603-11	s	CAPACITOR,ELECT 4.7MF/35V
C225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C226	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C227	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C228	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C229	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C230	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C231	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C233	1-126-603-11	s	CAPACITOR,ELECT 4.7MF/35V
CN20	1-793-798-21	o	CONNECTOR, BOARD TO BOARD
CN21	1-784-292-11	s	CONNECTOR, MINIATURE DIN 4P
CN201	1-784-828-11	s	CONNECTOR, D SUB
CN202	1-766-382-11	s	PIN, CONNECTOR (10P)(SMD)(1.5M
CN203	1-573-290-21	s	PIN,CONNECTOR (4P)(SMD)(1.5MM)
D100	8-719-036-94	s	DIODE RD5.6SB-T1
D101	8-719-036-94	s	DIODE RD5.6SB-T1

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D103	8-719-036-94	s	DIODE RD5.6SB-T1
D104	8-719-158-37	s	DIODE RD9.1SB2
D105	8-719-158-37	s	DIODE RD9.1SB2
D106	8-719-037-53	s	DIODE RD27SB-T1
D107	8-719-037-53	s	DIODE RD27SB-T1
D108	8-719-914-42	s	DIODE DA204K
D109	8-719-037-53	s	DIODE RD27SB-T1
D110	8-719-037-53	s	DIODE RD27SB-T1
D111	8-719-037-53	s	DIODE RD27SB-T1
D112	8-719-914-42	s	DIODE DA204K
D113	8-719-037-53	s	DIODE RD27SB-T1
D114	8-719-914-42	s	DIODE DA204K
D200	8-719-058-24	s	DIODE RB501V-40TE17
D201	8-719-058-24	s	DIODE RB501V-40TE17
D202	8-719-914-43	s	DIODE DAN202K
D203	8-719-800-76	s	DIODE 1SS226
D204	8-719-800-76	s	DIODE 1SS226
D205	8-719-800-76	s	DIODE 1SS226
D206	8-719-800-76	s	DIODE 1SS226
D207	8-719-158-37	s	DIODE RD9.1SB2
D208	8-719-158-37	s	DIODE RD9.1SB2
D209	8-719-800-76	s	DIODE 1SS226
D211	8-719-058-24	s	DIODE RB501V-40TE17
D212	8-719-058-24	s	DIODE RB501V-40TE17
D214	8-719-036-94	s	DIODE RD5.6SB-T1
FB200	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB201	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC101	8-759-252-59	s	IC MAX202CSE
IC200	6-701-707-01	s	IC ST72T631K4M1-201
IC201	8-759-655-55	s	IC UPD72012GB-003-3B4
IC203	8-759-582-91	s	IC S-80842ANNP-ED6-T2
IC204	8-759-697-26	s	IC RCV4-A1T-MASK-25
J100	1-794-014-11	s	PIN, JACK
J101	1-566-822-21	s	JACK
J201	1-565-269-11	s	SOCKET,CONNECTOR 9P
J203	1-566-822-21	s	JACK
L100	1-412-363-11	s	FERRITE, EMI (SMD)
L101	1-412-363-11	s	FERRITE, EMI (SMD)
L102	1-412-363-11	s	FERRITE, EMI (SMD)
L103	1-412-363-11	s	FERRITE, EMI (SMD)
L104	1-412-363-11	s	FERRITE, EMI (SMD)
L201	1-412-363-11	s	FERRITE, EMI (SMD)
L202	1-412-363-11	s	FERRITE, EMI (SMD)
Q100	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q101	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q102	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q103	1-801-806-11	s	TRANSISTOR DTC144EKA
Q200	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q201	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q202	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q203	1-801-806-11	s	TRANSISTOR DTC144EKA
Q204	1-801-806-11	s	TRANSISTOR DTC144EKA
Q205	1-801-806-11	s	TRANSISTOR DTC144EKA
Q206	1-801-806-11	s	TRANSISTOR DTC144EKA
Q207	1-801-806-11	s	TRANSISTOR DTC144EKA
Q208	1-801-806-11	s	TRANSISTOR DTC144EKA
Q209	1-801-806-11	s	TRANSISTOR DTC144EKA

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R100	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R101	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R102	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R103	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R104	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R105	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R106	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R107	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R108	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R109	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R110	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R111	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R112	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R113	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R114	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R115	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R116	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R117	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R118	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R119	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R120	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R121	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R122	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R123	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R124	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R200	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R201	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R202	1-216-836-11	s	RESISTOR, CHIP 18K 1/16W 1608
R204	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R205	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R206	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R207	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R208	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R209	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R210	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R211	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R212	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R213	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R214	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R215	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R216	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R217	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R218	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R220	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R221	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R222	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R223	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R224	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R225	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R226	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R227	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R228	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R229	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R230	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R231	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R232	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R233	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R234	1-216-799-11	s	RESISTOR, CHIP 15 1/16W 1608
R235	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R236	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R237	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R238	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R239	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R240	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R241	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R242	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R243	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/16W
R244	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R245	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R246	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R247	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R248	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/16W 1608
R249	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R250	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R251	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R252	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R253	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R254	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R255	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R256	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R257	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R258	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R259	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R260	1-216-842-11	s	RESISTOR,CHIP 56K 1/16W(1608)
R261	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R262	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R263	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R264	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R265	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R266	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R267	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R268	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R269	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
RB101	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X200	1-781-163-11	s	VIBRATOR, OSCILLATOR
X201	1-767-340-11	s	VIBRATOR, CRYSTAL
X202	1-781-163-11	s	VIBRATOR, OSCILLATOR

QB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1401-035-A	s	MOUNTED CIRCUIT BOARD, QB
C224	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C225	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C302	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C303	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C304	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C305	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C306	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C307	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C308	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C309	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C310	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C315	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C316	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C317	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C318	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C319	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C400	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C401	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C402	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C403	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C413	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C701	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C702	1-126-193-11	s	CAPACITOR,ELECT 1MF/50V (CHIP)
C703	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C704	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C705	1-163-001-11	s	CAPACITOR,CHIP CERAMIC 220PF
C706	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C707	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C708	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C709	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C710	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C711	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C712	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C713	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C714	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C715	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C716	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C717	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C718	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C719	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C720	1-113-985-11	s	CAPACITOR,TANTALUM 10MF/20V
C721	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C722	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C723	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C724	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C725	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C726	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C727	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C728	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C729	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C730	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C731	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C732	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C801	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C802	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C803	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C851	1-128-453-21	s	CAPACITOR,ELECT 47MF

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C852	1-128-453-21	s	CAPACITOR,ELECT 47MF
C853	1-128-453-21	s	CAPACITOR,ELECT 47MF
C856	1-163-217-11	s	CAPACITOR CHIP CERAMIC 1PF/50V
C857	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C858	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C861	1-163-217-11	s	CAPACITOR CHIP CERAMIC 1PF/50V
C862	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C863	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C866	1-163-217-11	s	CAPACITOR CHIP CERAMIC 1PF/50V
C867	1-164-004-11	s	CAPACITOR,CERAMIC 0.1MF/25V
C868	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C869	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C2112	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
CN11	1-573-290-21	s	PIN,CONNECTOR (4P)(SMD)(1.5MM)
CN12	1-770-621-21	s	PIN, CONNECTOR 4P
CN13	1-766-382-11	s	PIN, CONNECTOR (10P)(SMD)(1.5M
CN31	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN32	1-580-056-21	o	PIN,CONNECTOR 3P
CN302	1-784-828-11	s	CONNECTOR, D SUB
CN303	1-784-828-11	s	CONNECTOR, D SUB
D207	8-719-422-12	s	DIODE MA8039
D210	8-719-422-12	s	DIODE MA8039
D300	8-719-914-43	s	DIODE DAN202K
D301	8-719-073-11	s	DIODE BZA456A
D302	8-719-800-76	s	DIODE 1SS226
D303	8-719-024-77	s	DIODE HN1D03FU-TE85L
D304	8-719-914-43	s	DIODE DAN202K
D305	8-719-800-76	s	DIODE 1SS226
D306	8-719-914-43	s	DIODE DAN202K
D307	8-719-800-76	s	DIODE 1SS226
D308	8-719-158-37	s	DIODE RD9.1SB2
D309	8-719-158-37	s	DIODE RD9.1SB2
D310	8-719-158-37	s	DIODE RD9.1SB2
D311	8-719-158-37	s	DIODE RD9.1SB2
D312	8-719-073-11	s	DIODE BZA456A
D313	8-719-800-76	s	DIODE 1SS226
D314	8-719-800-76	s	DIODE 1SS226
D315	8-719-800-76	s	DIODE 1SS226
D403	8-719-914-43	s	DIODE DAN202K
D404	8-719-914-44	s	DIODE DAP202K (DUAL)
FB204	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB207	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB210	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB211	1-414-234-11	s	INDUCTOR,FERRITE BEAD
IC300	8-759-082-61	s	IC TC4W53FU
IC301	8-759-082-61	s	IC TC4W53FU
IC302	8-759-082-61	s	IC TC4W53FU
IC303	8-759-082-61	s	IC TC4W53FU
IC304	8-759-673-45	s	IC MM74HC08SJX
IC400	8-759-681-47	s	IC IRMF-A0T-QTP
IC702	6-701-203-01	s	IC TPA2000D2
IC703	8-752-091-06	s	IC CXA1846BN-T4
IC704	8-759-983-69	s	IC LM358PS
IC808	8-759-542-11	s	IC MAX4223ESA-TG06
IC809	8-759-542-11	s	IC MAX4223ESA-TG06
IC810	8-759-542-11	s	IC MAX4223ESA-TG06
J201	1-779-677-11	s	CONNECTOR, USB (B)

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
J300	1-566-822-21	s	JACK
J301	1-566-822-21	s	JACK
L301	1-414-753-91	s	INDUCTOR 4.7UH
L302	1-412-363-11	s	FERRITE, EMI (SMD)
L303	1-412-363-11	s	FERRITE, EMI (SMD)
L304	1-412-363-11	s	FERRITE, EMI (SMD)
L305	1-412-363-11	s	FERRITE, EMI (SMD)
L701	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
L702	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
L802	1-412-058-11	s	INDUCTOR,SMALL TYPE 10UH
L2100	1-412-058-11	s	INDUCTOR,SMALL TYPE 10UH
Q300	8-729-027-58	s	TRANSISTOR DTC143ZKA-T146
Q301	8-729-027-58	s	TRANSISTOR DTC143ZKA-T146
Q302	8-729-027-58	s	TRANSISTOR DTC143ZKA-T146
Q303	1-801-806-11	s	TRANSISTOR DTC144EKA
Q304	1-801-806-11	s	TRANSISTOR DTC144EKA
Q403	1-801-806-11	s	TRANSISTOR DTC144EKA
Q701	8-729-907-00	s	TRANSISTOR DTC114EU
Q702	8-729-907-00	s	TRANSISTOR DTC114EU
Q703	8-729-907-00	s	TRANSISTOR DTC114EU
Q2103	1-801-806-11	s	TRANSISTOR DTC144EKA
R300	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R301	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R302	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R303	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R304	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R305	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R306	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R307	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R308	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R309	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R310	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R311	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R312	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R314	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R315	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R316	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R317	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R318	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R319	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R321	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R323	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R324	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R325	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R326	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R327	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R328	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R329	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R330	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R332	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R333	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R334	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R335	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R336	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R337	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R338	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R339	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R340	1-216-864-11	s	CONDUCTOR, CHIP (1608)

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R341	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R342	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R343	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R344	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R345	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R346	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R347	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R348	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R349	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R350	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R351	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R352	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R358	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R359	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R360	1-218-672-11	s	RESISTOR,CHIP 150 1/16W(1608)
R400	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R401	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R402	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R403	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R404	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R405	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R416	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R419	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R425	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R426	1-216-049-11	s	RESISTOR, CHIP 1K 1/10W(2012)
R427	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R436	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R437	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R701	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R702	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R703	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R704	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R705	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R706	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R707	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R708	1-218-344-11	s	RESISTOR,CHIP 7.5K 1/16W(1608)
R709	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R710	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R711	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R712	1-218-344-11	s	RESISTOR,CHIP 7.5K 1/16W(1608)
R713	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R714	1-216-845-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R715	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R716	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R717	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R718	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R719	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R720	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R721	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R801	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R802	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R944	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R945	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R946	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R947	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R948	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R949	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R950	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R951	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R952	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R953	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R954	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R955	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R1000	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1001	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1002	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1003	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1004	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1005	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
RY300	1-755-384-21	s	RELAY
RY301	1-755-384-21	s	RELAY
RY302	1-755-384-21	s	RELAY

V BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1342-606-A	s	MOUNTED CIRCUIT BOARD, V
CN16	1-573-290-21	s	PIN,CONNECTOR (4P)(SMD)(1.5MM)
S10	1-570-504-11	s	SWITCH,MICRO
S11	1-570-504-11	s	SWITCH,MICRO

PACKING MATERIALS & SUPPLIED ACCESSORIES
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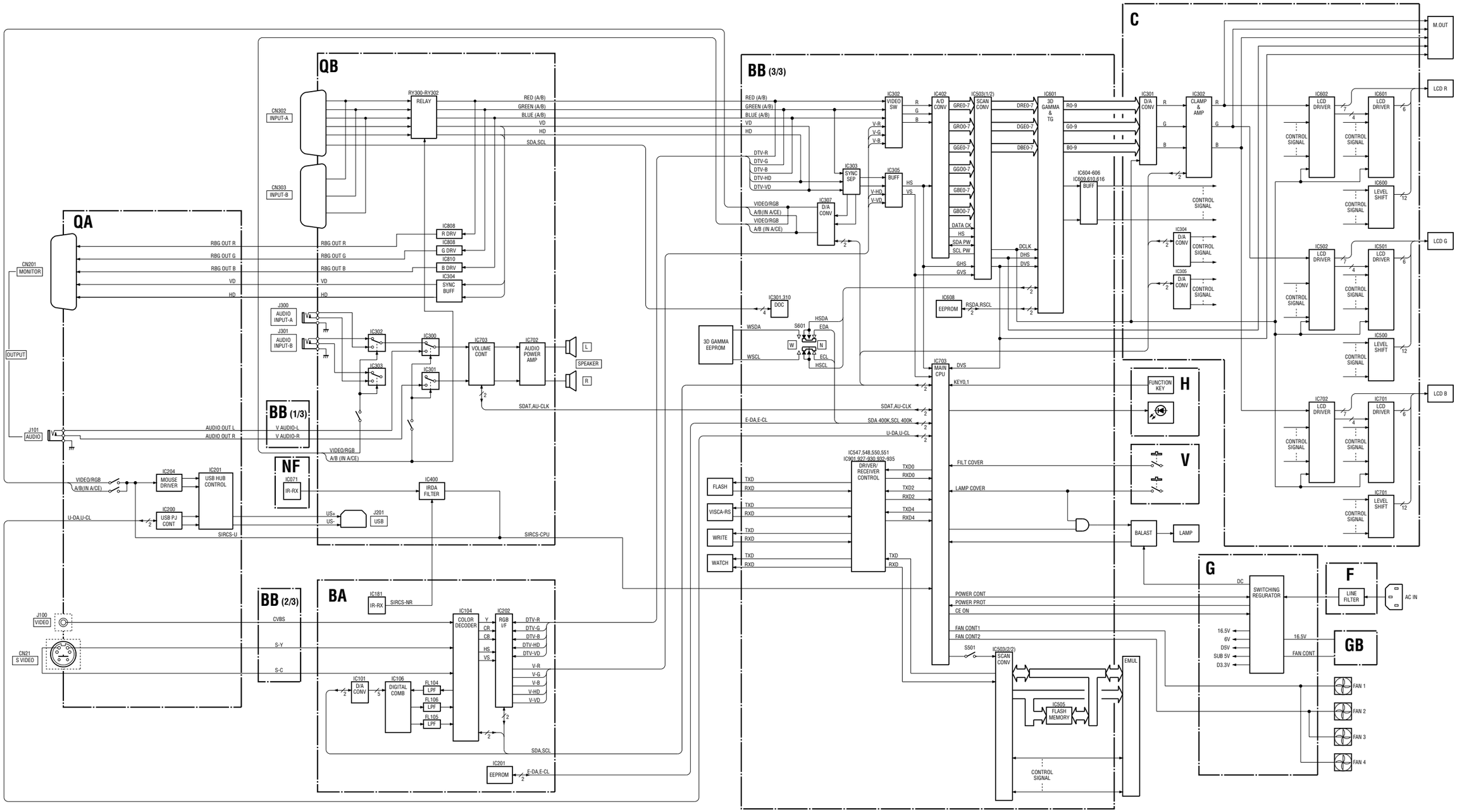
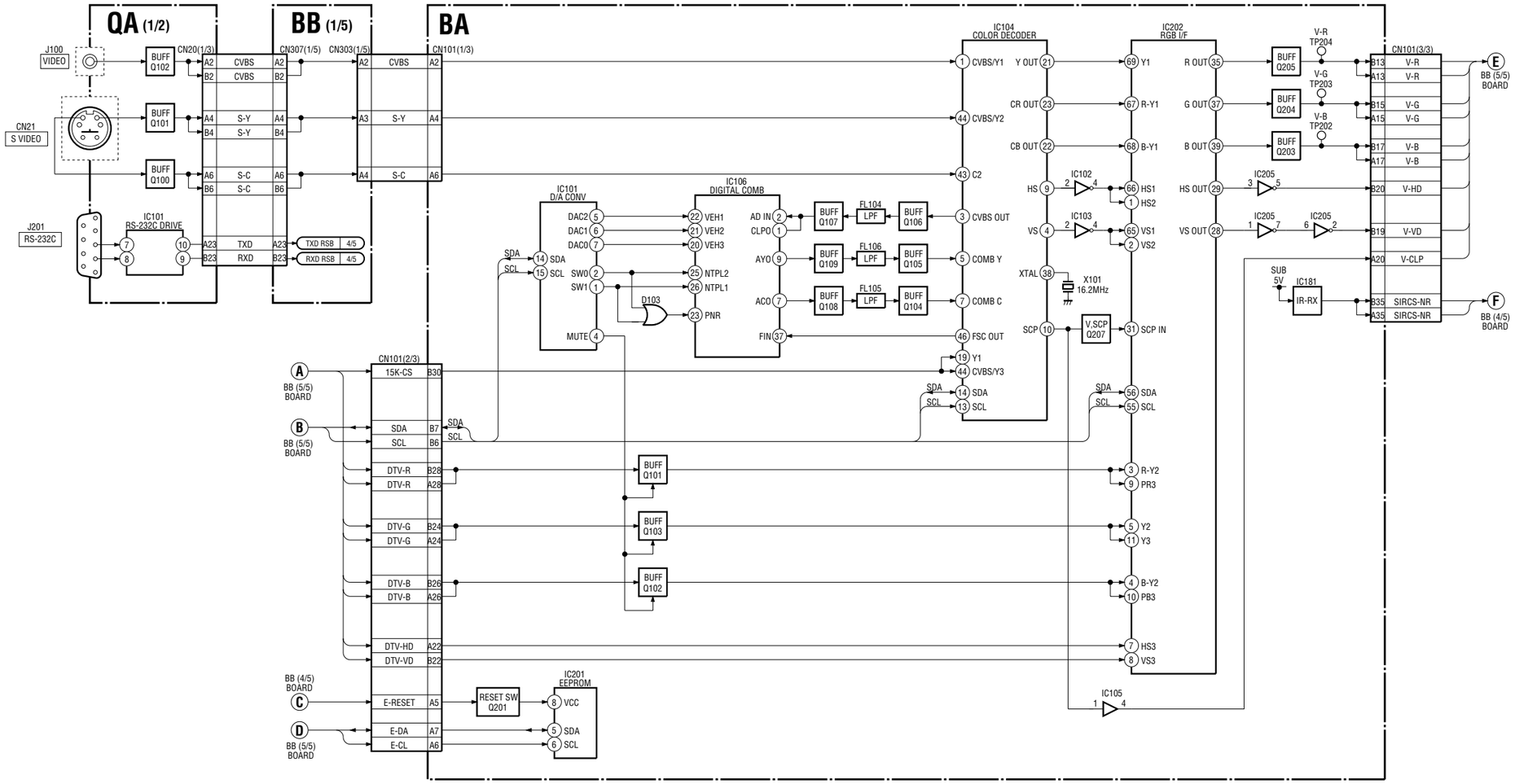
*a:[Serial No. 6500001-]
*b:[Serial No. 6000001-]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-476-556-22	s	REMOTE COMMANDER (RM-PJM12)
1pc	9-885-005-85	s	COVER, BATTERY (FOR RM-PJM12)
1pc *b ⚠	1-783-481-41	s	CORD, POWER (10A/250V)
1pc *a ⚠	1-783-795-61	s	CORD SET, POWER (7A/125V)
1pc	1-790-081-31	s	CABLE, USB
1pc	1-791-992-31	s	CABLE ASSY(15PDSUBCONNECTORX2)
1pc *a	4-084-128-11	o	INSTALLATION MANUAL FOR DEALER (JAPANESE/ENGLISH/FRENCH/ SPANISH/GERMAN/ITALIAN/ SIMPLIFIED CHINESE)
1pc	4-084-416-01	s	FILTER
1pc	4-088-988-01	o	OPERATING INSTRUCTIONS (JAPANESE/SIMPLIFIED CHINESE)
1pc *a	4-088-988-11	o	OPERATING INSTRUCTIONS (ENGLISH/FRENCH/SPANISH)
1pc *a	4-088-988-21	o	OPERATING INSTRUCTIONS (GERMAN/ITALIAN)
1pc *b	4-088-989-01	o	INSTALLATION MANUAL FOR DEALER (SIMPLIFIED CHINESE)
1pc	4-089-070-01	s	PACK, CD-ROM
	VPLL-CT10		
	4-084-808-01	o	MANUAL, INSTRUCTIONS (JAPANESE/ENGLISH/FRENCH/ SPANISH/GERMAN/ITALIAN/ SIMPLIFIED CHINESE)
	4-085-233-01	o	LENS CAP (CT)
	VPLL-CW10		
	4-084-806-01	o	MANUAL, INSTRUCTIONS (JAPANESE/ENGLISH/FRENCH/ SPANISH/GERMAN/ITALIAN/ SIMPLIFIED CHINESE)
	4-085-232-01	o	LENS CAP (CT)

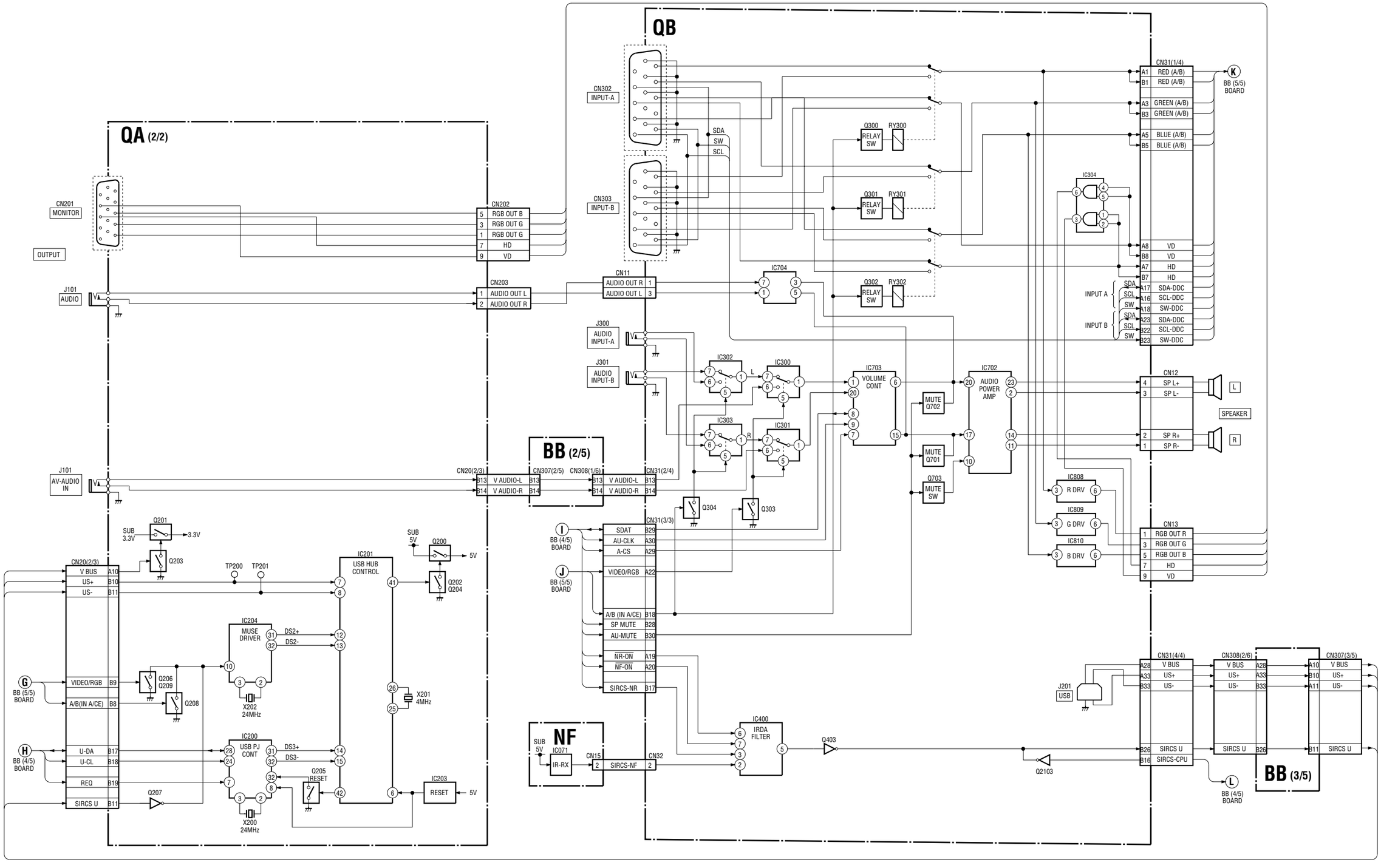
Section 5
Block Diagrams

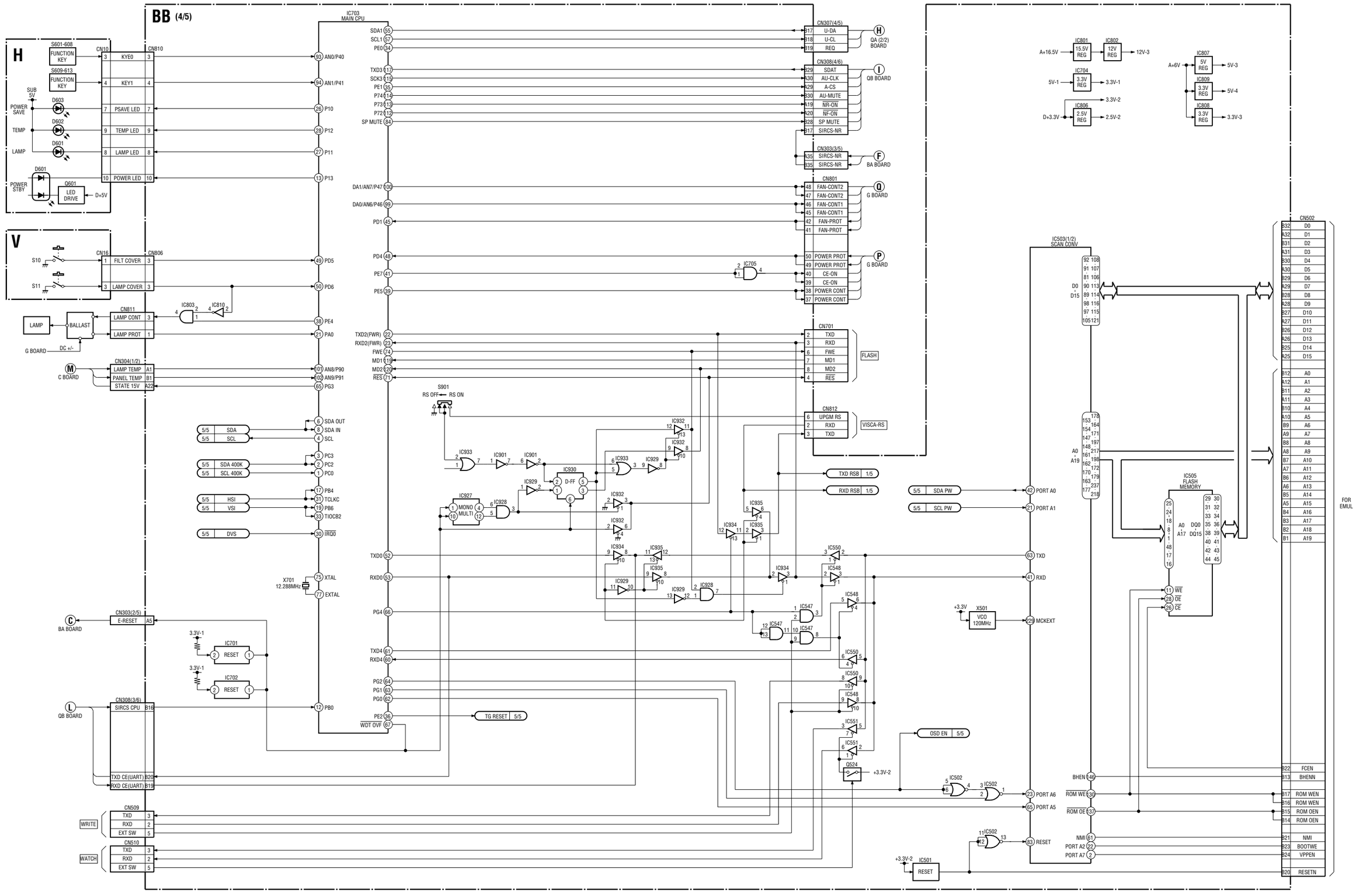


BA, BB (1/5), QA (1/2)

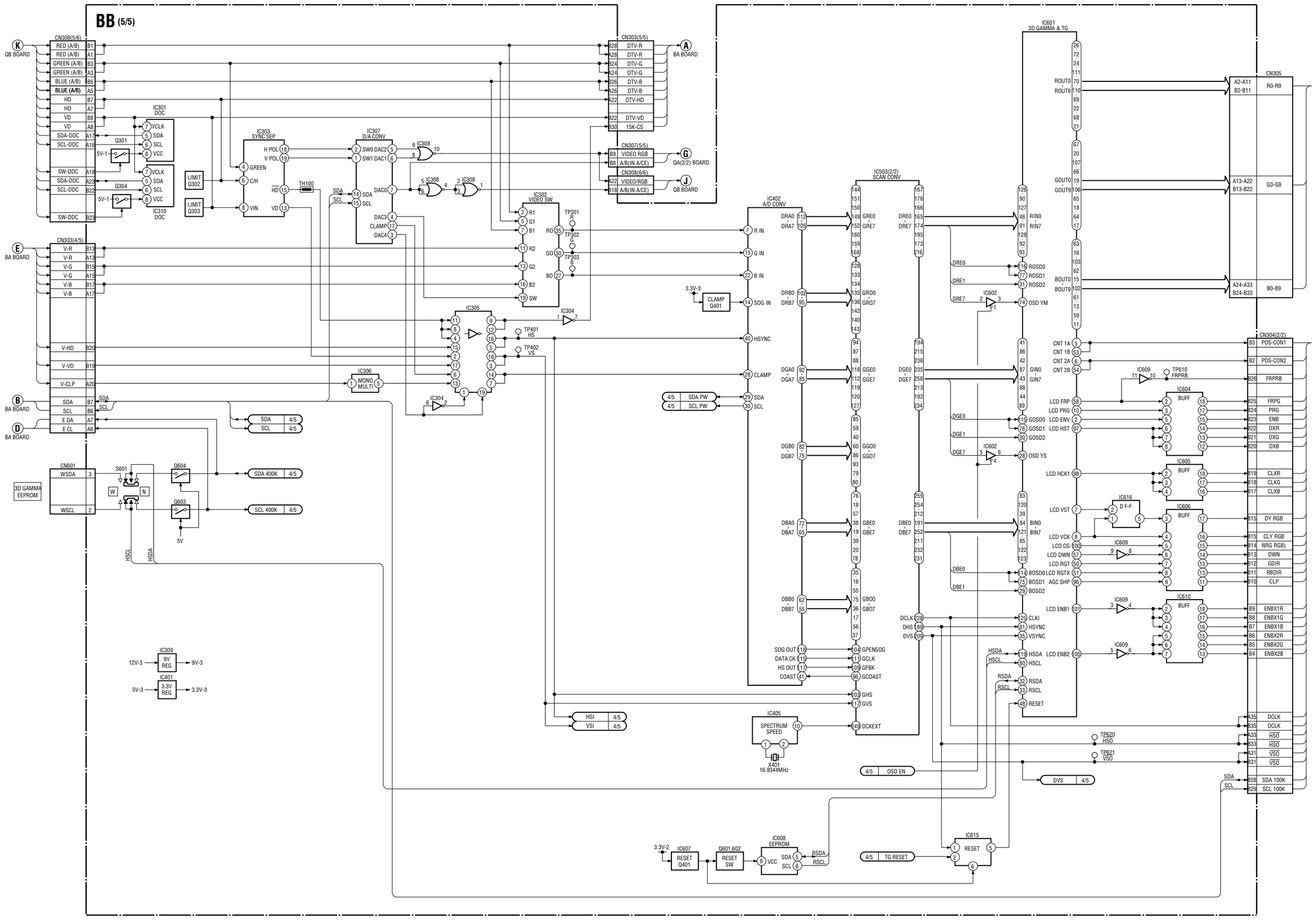


5-2


QB
QA (2/2)
BB (2/5)
NF
BB (3/5)
CN302 INPUT-A
CN303 INPUT-B
CN31(1/4)
BB (5/5) BOARD
SDA
SW
SCL
Q300 RELAY SW
RY300
Q301 RELAY SW
RY301
Q302 RELAY SW
RY302
IC304
INPUT A
INPUT B
CN201 MONITOR
OUTPUT
CN202
RGB OUT B
RGB OUT G
RGB OUT G
HD
VD
J101 AUDIO
CN203
AUDIO OUT L
AUDIO OUT R
CN11
IC704
J300 AUDIO INPUT-A
J301 AUDIO INPUT-B
IC302
IC300
IC303
IC301
IC703 VOLUME CONT
IC702 AUDIO POWER AMP
MUTE Q702
MUTE Q701
Q703 MUTE SW
CN12
SP L+
SP L-
SP R+
SP R-
L
R
SPEAKER
IC808 R DRV
IC809 G DRV
IC810 B DRV
CN13
RGB OUT R
RGB OUT G
RGB OUT B
HD
VD
J101 AV-AUDIO IN
CN20(2/3)
CN307(2/5)
CN308(1/6)
CN31(2/4)
V AUDIO-L
V AUDIO-R
Q304
Q303
CN31(3/3)
SDAT
AU-CLK
A-CS
VIDEO/RGB
A/B (IN A/CE)
SP MUTE
AU-MUTE
NR-ON
NF-ON
SIRCS-NR
BB (4/5) BOARD
BB (5/5) BOARD
Q201
SUB 3.3V
3.3V
Q203
SUB 5V
Q200
5V
Q202
Q204
TP200
TP201
IC201 USB HUB CONTROL
IC204 MUSE DRIVER
DS2+
DS2-
X202 24MHz
X201 4MHz
Q206
Q209
Q208
IC200 USB PJ CONT
DS3+
DS3-
Q205 RESET
IC203 RESET
Q207
X200 24MHz
V BUS
US+
US-
U-DA
U-CL
REQ
SIRCS U
IC071
IR-RX
CN15
CN32
SIRCS-NF
IC400 IRDA FILTER
Q403
Q2103
J201 USB
CN31(4/4)
SIRCS-CPU
CN308(2/6)
CN307(3/5)


BB (4/5)
H
V
IC703 MAIN CPU
CN307(4/5)
CN308(4/6)
CN303(3/5)
CN801
CN701
CN812
QA (2/2) BOARD
QB BOARD
BA BOARD
G BOARD
FLASH
VISCA-RS
IC801 15.5V REG
IC802 12V REG
IC704 3.3V REG
IC806 2.5V REG
IC807 5V REG
IC809 3.3V REG
IC808 3.3V REG
IC503(1/2) SCAN CONV
IC505 FLASH MEMORY
CN502
FOR EMUL
CN303(2/5)
CN308(3/6)
CN509
CN510
WRITE
WATCH
X701 12.288MHz
X501 VCO 120MHz
S901
S601-608 FUNCTION KEY
S609-613 FUNCTION KEY
D603
D602
D601
Q601 LED DRIVE
CN810
CN806
CN16
CN811
CN304(1/2)
IC803
IC810
IC705
IC701 RESET
IC702 RESET
IC501 RESET
IC502
IC547
IC548
IC550
IC551
IC927
IC928
IC929
IC930 D-FF
IC932
IC933
IC934
IC935
Q524
TG RESET 5/5
OSD EN 5/5
TXD RSB 1/5
RXD RSB 1/5
SDA PW
SCL PW
SDA
SCL
SDA 400K
SCL 400K
HSI
VSI
DVS
SDA1
SCL1
PE0
TXD3
SCK3
PE1
P74
P73
P72
SP MUTE
DA1/AN7/P47
DA0/AN6/P46
PD1
PD4
PE7
PE5
TXD2(FWR)
RXD2(FWR)
FWE
MD1
MD2
RES
TXD0
RXD0
PG4
TXD4
RXD4
PG2
PG1
PG0
PE2
WDT OVF
PB0
PA0
PC3
PC2
PC0
PB4
PB6
TIOCB2
IRQ0
XTAL
EXTAL
PD5
PD6
PE4
AN0/P40
AN1/P41
P10
P12
P11
P13
AN8/P90
AN9/P91
PG3
SDA OUT
SDA IN
SCL
TCLKC
PORT A0
PORT A1
TXD
RXD
MCKEXT
PORT A6
PORT A5
RESET
BHEN
ROM WE
ROM OE
NMI
PORT A2
PORT A7
FCEN
BHENN
ROM WEN
ROM WEN
ROM OEN
ROM OEN
BOOTWE
VPPEN
RESETN
A+16.5V
12V-3
5V-1
3.3V-1
3.3V-2
D+3.3V
2.5V-2
A+6V
5V-3
5V-4
3.3V-3
+3.3V-1
+3.3V-2
+3.3V
D+5V
3.3V-1
3.3V-1

BB (5/5)


CN308(5/6)
RED (A/B) B1
RED (A/B) A1
GREEN (A/B) B3
GREEN (A/B) A3
BLUE (A/B) B5
BLUE (A/B) A5
HD B7
HD A7
VD B8
VD A8
SDA-DDC A17
SCL-DDC A16
SW-DDC A18
SDA-DDC A23
SCL-DDC B22
SW-DDC B23
QB BOARD
IC301 DDC
Q301
Q304
5V-1
IC310 DDC
LIMIT Q302
LIMIT Q303
IC303 SYNC SEP
H POL
V POL
GREEN
C/H
VIN
HD
VD
TH100
IC307 D/A CONV
SW0 DAC2
SW1 DAC1
DAC0
DAC3
CLAMP
DAC4
SDA
SCL
IC308
IC302 VIDEO SW
R1
G1
B1
R2
G2
B2
SW
RO
GO
BO
TP301 R
TP302 G
TP303 B
CN303(5/5)
DTV-R
DTV-R
DTV-G
DTV-G
DTV-B
DTV-B
DTV-HD
DTV-VD
15K-CS
BA BOARD
CN307(5/5)
VIDEO RGB
A/B(IN A/CE)
QA(2/2) BOARD
CN308(6/6)
VIDEO/RGB
A/B(IN A/CE)
QB BOARD
CN303(4/5)
V-R B13
V-R A13
V-G B15
V-G A15
V-B B17
V-B A17
V-HD B20
V-VD B19
V-CLP A20
BA BOARD
SDA B7
SCL B6
E DA A7
E CL A6
D BA BOARD
IC305
IC306 MONO MULTI
IC304
TP401 HS
TP402 VS
SDA 4/5
SCL 4/5
CN601
WSDA 3
WSCL 2
3D GAMMA EEPROM
S601
W
N
Q604
Q603
5V
SDA 400K 4/5
SCL 400K 4/5
HSCL
HSDA
IC309 9V REG
12V-3
9V-3
IC401 3.3V REG
5V-3
3.3V-3
IC402 A/D CONV
R IN
G IN
B IN
SOG IN
HSYNC
CLAMP
SDA
SCL
3.3V-3
CLAMP Q401
4/5 SDA PW
4/5 SCL PW
IC503(2/2) SCAN CONV
GRE0
GRE7
GRO0
GRO7
GGE0
GGE7
GGO0
GGO7
GBE0
GBE7
GBO0
GBO7
GPENSOG
GCLK
GFBK
GCOAST
GHS
GVS
DCKEXT
IC601 3D GAMMA & TG
ROUT0
ROUT9
GOUT0
GOUT9
BOUT0
BOUT9
RIN0
RIN7
GIN0
GIN7
BIN0
BIN7
ROSD0
ROSD1
ROSD2
GOSD0
GOSD1
GOSD2
BOSD0
BOSD1
BOSD2
OSD YM
OSD YS
IC602
CLKI
HSYNC
VSYNC
HSDA
HSCL
RSDA
RSCL
RESET
LCD HCK1
LCD VST
LCD VCK
LCD CG
LCD DWN
LCD RGT
LCD RGTX
AGC SHP
LCD ENB1
LCD ENB2
IC616 D F-F
IC609
IC610 BUFF
CN305
A2-A11 R0-R9
B2-B11
A13-A22 G0-G9
B13-B22
A24-A33 B0-B9
B24-B33
N C BOARD
CN304(2/2)
POS-CON1
POS-CON2
FRPRB
FRPG
PRG
ENB
DXR
DXG
DXB
CLXR
CLKG
CLXB
DY RGB
CLY RGB
NRG RGB)
DWN
GDIR
RBDIR
CLP
ENBX1R
ENBX1G
ENBX1B
ENBX2R
ENBX2G
ENBX2B
DCLK
DCLK
HSO
HSO
VSO
VSO
SDA 100K
SCL 100K
O C BOARD
CNT 1A
CNT 1B
CNT 2A
CNT 2B
LCD FRP
LCD PRG
LCD ENV
LCD HST
TP610 FRPRB
IC604 BUFF
IC605 BUFF
IC606 BUFF
TP620 HSO
TP621 VSO
DVS 4/5
4/5 OSD EN
IC405 SPECTRUM SPEED
X401 16.9344MHz
HSI 4/5
VSI 4/5
IC607 RESET Q401
Q601,602 RESET SW
IC608 EEPROM
IC615 RESET
4/5 TG RESET
3.3V-2

C

N BB (5/5) BOARD

CN1202
R0-R9 A2-A11 B2-B11
G0-G9 A13-A22 B13-B22
B0-B9 A24-A33 B24-B33

IC301 D/A CONV
R0-9 IOR
G0-9 IOG
B0-9 IOB
VREF
CLOCK

TP306 RED
TP307 GREEN
TP308 BLUE

IC302 CLAMP & AMP
RIN ROUT
GOUT GIN
BOUT BIN
CLP
SDA
SCL
D/A1 MBRT D/A2

BUFF Q304
BUFF Q303
BUFF Q301

Q302

5V-3 IC303 SHUNT REG

CN1203
1 R
3 G
5 B
7 HV
8 VD
M.OUT

IC104 DIVIDE 1/2

IC105

MCLK R
MCLK G
MCLK B

O BB (5/5) BOARD

CN1201
DCLK A35
DCLK B35
CLP B10
SDA 100K B28
SCL 100K B29
HSO B33
HSO A33
VSO B31
VSO A31
POS CON1 B3
POS CON2 B2
FRPRB B26
FRPG B25
PRG B24
ENB B23
RBDIR B11
GDIR B12
DY RGB B16
CLY RGB B15
NRG RGB B14
CLXR B19
CLXG B18
CLXB B17
DXR B22
DXG B21
DXB B20
DWN B13
ENBX 2R B6
ENBX 1R B9
ENBX 2G B5
ENBX 1G B8
ENBX 2B B4
ENBX 1B B7
LAMP TEMP A1
PANEL TEMP B11
STATE 15V A22

TP108
TP112
TP113

IC106
IC107

5V-1
TP110
TP111
TH102
TH101

M BB (4/5) BOARD

IC109 3.3V REG 16.5V 15.5V

IC602 LCD DRIVER
TP602 RVID1
VIDEO I
VIDEO R
CALR
MCLK
VCOMOFF
DLY CTL
SIGCNT
SHOUT1-6
VID1 VID3 VID5 VID7 VID9 VID11
LCCOM
VCOM OUT
VIDEO O
SH IN
CAL OUT
CAL IN
CLK OUT
CLK IN
CLK OUTX
CLK INX
TP600 RINV
POS CON1
POS CONN2
POSCTR1
POSCTR2
FRPRB
PRG
ENB
RBDIR
FRP
DIRCTR

IC601 LCD DRIVER
TP601 RVID2
SHOUT1-6
VID2 VID4 VID6 VID8 VID10 VID12

IC600 LVEL SHIFT
DY RGB
CLY RGB
NRG RGB
CLXR
DXR
ENBX 2R
ENBX 1R
GDIR
DWN
FRPRB
DY IN
CLY IN
NRG IN
CLX1 IN
DX IN
ENBX2 IN
ENBX1 IN
DIRX IN
DIRY IN
NRSC
NRSB
NRSA
DY CLY CLY NRG CLX CLX1 DX ENB2 ENB1 DIRX DIRY NRS

Q600,601 NRS BUFF
Q602, 603 NRS BUFF

CN1207
VID1 VID2 VID3 VID4 VID5 VID6 VID7 VID8 VID9 VID10 VID11 VID12 LCCOM DY CLY CLY NRG CLX CLX DX ENB2 ENB1 DIRX DIRY NRS1

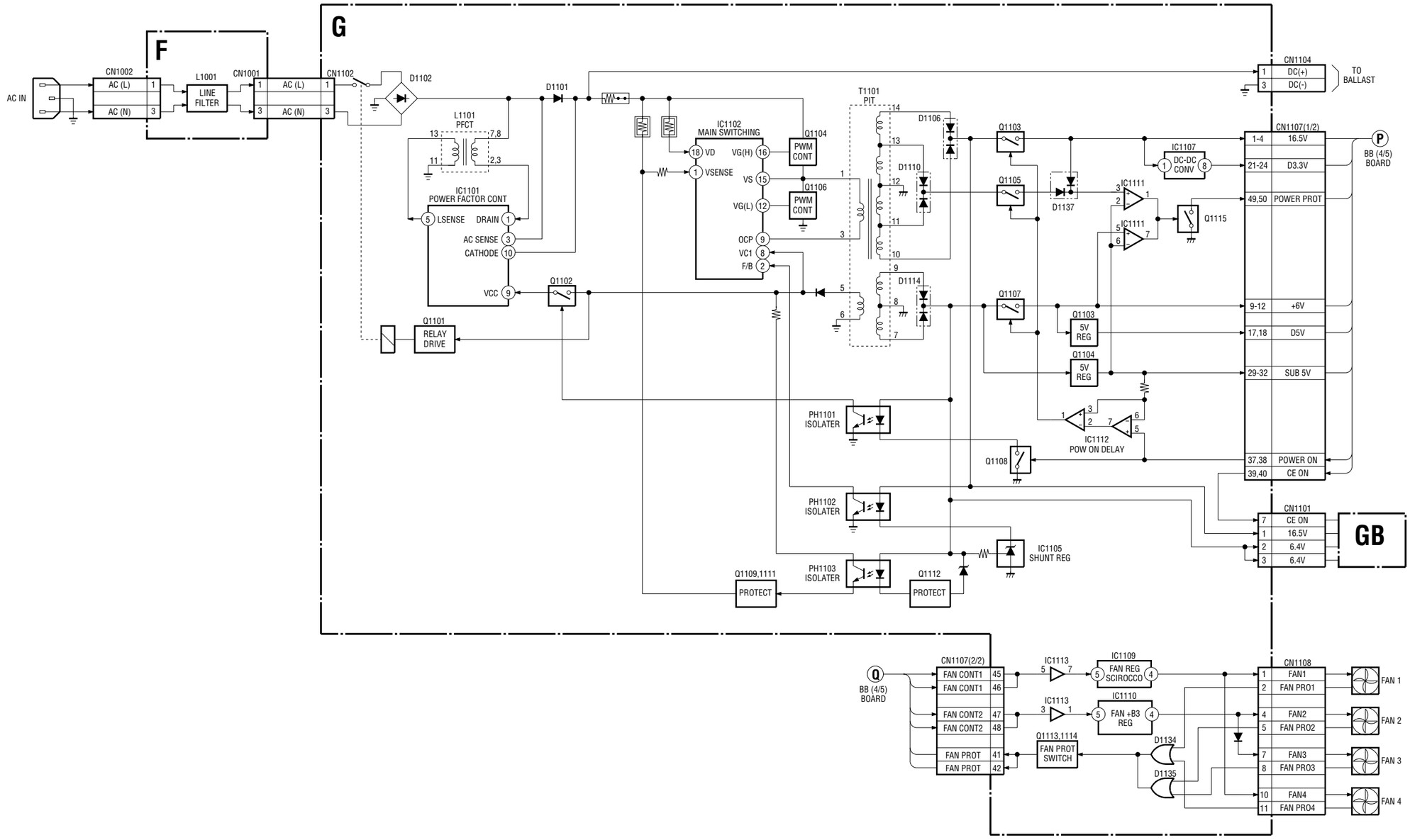
LCD R

IC502 LCD DRIVER
TP502 GVID1
IC501 LCD DRIVER
TP501 GVID2
IC500 LVEL SHIFT
Q500, 501 TP208
Q502, 503 TP209
CN1205
LCD G

IC702 LCD DRIVER
TP702 BVID1
IC701 LCD DRIVER
TP701 BVID2
IC700 LVEL SHIFT
Q700,701
Q702, 703
CN1209
LCD B

IC304 D/A CONV
VIDEO RR
VIDEO RG
VIDEO RB
VCOM R
VCOM G
VCOM B
DLYCNT R
DLYCNT G
DLYCNT B
SCEN

IC305 D/A CONV
NRSB R
NRSB G
NRSB B
NRSA R
NRSA G
NRSA B


F
G
AC IN
CN1002
AC (L) 1
AC (N) 3
L1001
LINE FILTER
CN1001
1 AC (L) 1
3 AC (N) 3
CN1102
D1102
D1101
L1101
PFCT
13
7,8
11
2,3
IC1101
POWER FACTOR CONT
5 LSENSE
DRAIN 1
AC SENSE 3
CATHODE 10
VCC 9
Q1102
Q1101
RELAY DRIVE
IC1102
MAIN SWITCHING
18 VD
1 VSENSE
VG(H) 16
VS 15
VG(L) 12
OCP 9
VC1 8
F/B 2
Q1104
PWM CONT
Q1106
PWM CONT
T1101
PIT
14
13
12
11
10
9
8
7
3
1
5
6
D1106
D1110
D1114
Q1103
Q1105
Q1107
D1137
IC1107
DC-DC CONV
IC1111
Q1115
Q1103
5V REG
Q1104
5V REG
IC1112
POW ON DELAY
Q1108
PH1101
ISOLATER
PH1102
ISOLATER
PH1103
ISOLATER
IC1105
SHUNT REG
Q1109,1111
PROTECT
Q1112
PROTECT
CN1104
1 DC(+)
3 DC(-)
TO BALLAST
CN1107(1/2)
1-4 16.5V
21-24 D3.3V
49,50 POWER PROT
9-12 +6V
17,18 D5V
29-32 SUB 5V
37,38 POWER ON
39,40 CE ON
P
BB (4/5) BOARD
CN1101
7 CE ON
1 16.5V
2 6.4V
3 6.4V
GB
Q
BB (4/5) BOARD
CN1107(2/2)
FAN CONT1 45
FAN CONT1 46
FAN CONT2 47
FAN CONT2 48
FAN PROT 41
FAN PROT 42
IC1113
IC1109
FAN REG SCIROCCO
IC1110
FAN +B3 REG
Q1113,1114
FAN PROT SWITCH
D1134
D1135
CN1108
1 FAN1
2 FAN PRO1
4 FAN2
5 FAN PRO2
7 FAN3
8 FAN PRO3
10 FAN4
11 FAN PRO4
FAN 1
FAN 2
FAN 3
FAN 4

Section 6
Diagrams

Note:

- Parts marked " * " differ according to the model/destination. Refer to the mount table for each function.
- The parts marked " # " on schematic diagrams are not mounted.
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics.
- All electrolytics are in 50 V unless otherwise specified.
- : fusible resistor
- : nonflammable resistor
- Δ : internal component
- : panel designation and adjustment for repair
- Caution when replacing chip parts
  New parts must be attached after removal of the chip.
  Be careful not to heat the minus side of a tantalum capacitor, because it is easily damaged by the heat.

Reference information

RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

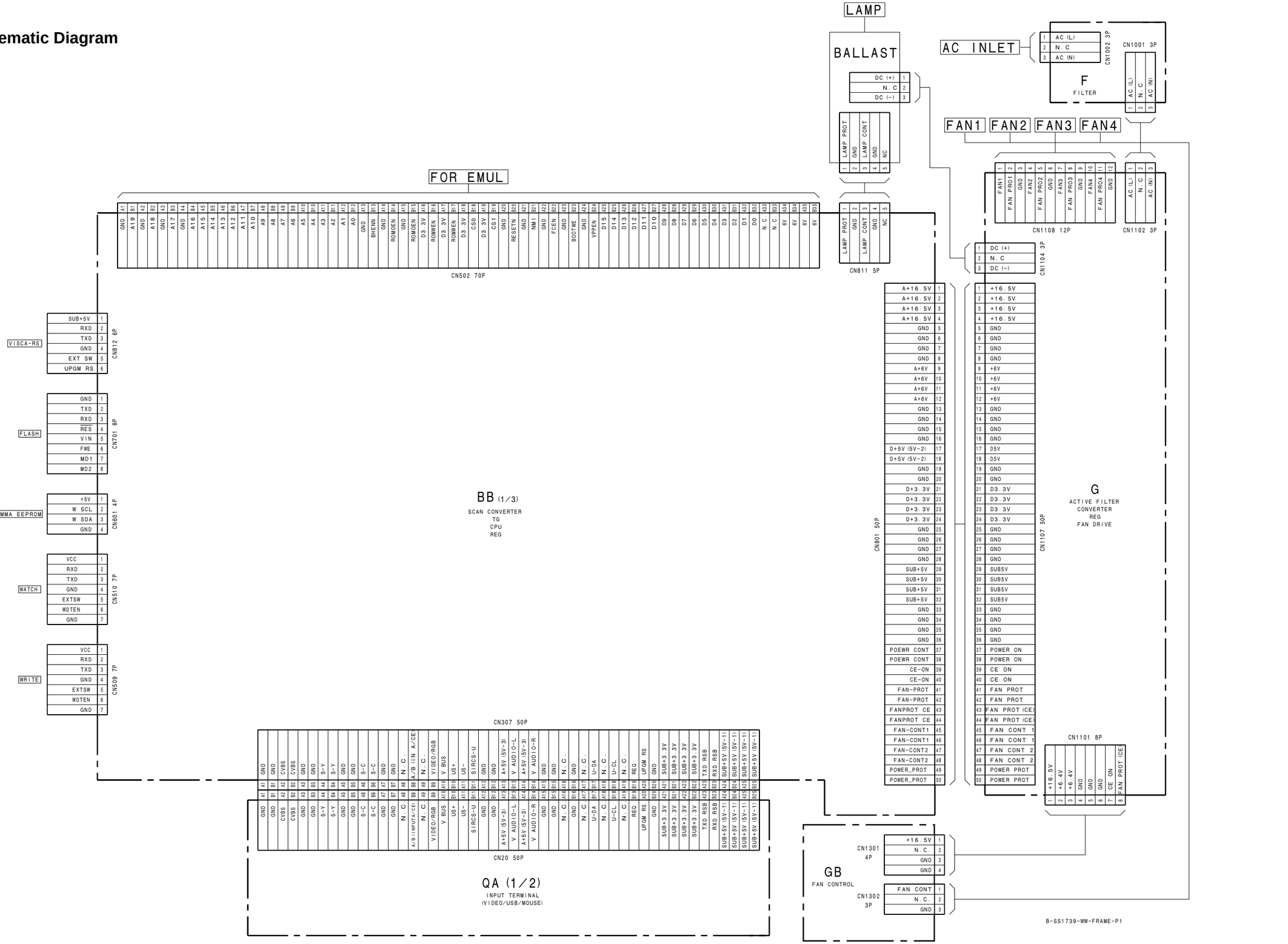
[Measuring conditions, voltage and waveform]

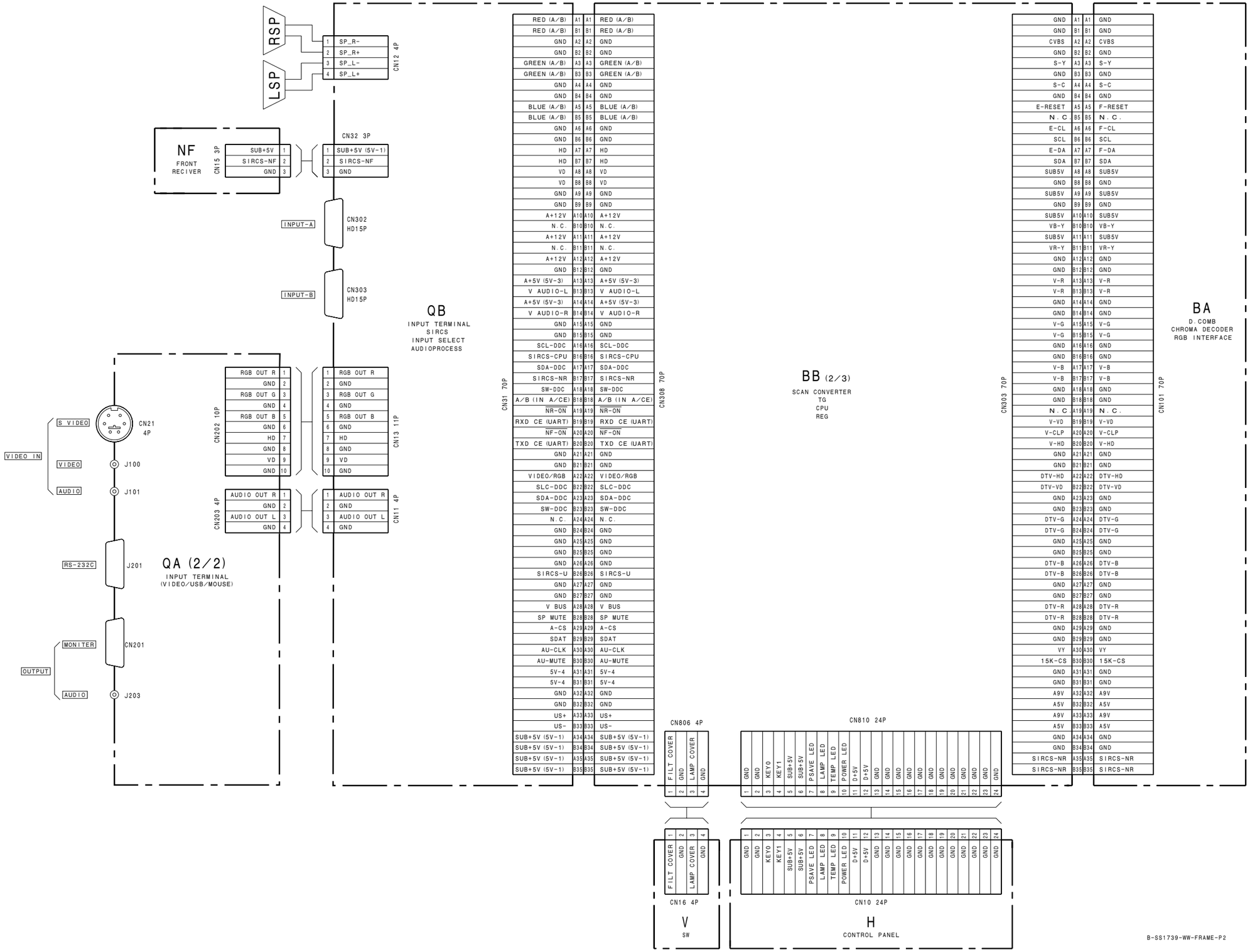
- A voltage value is the reference value between the measurement point and the earth, when the RGB color bar signal is received from the color bar generator (digital multi-meter used: 10 M ohms/V DC).
- Unit of voltage is V (volt).
  (Voltage variations may occur due to normal production tolerances.)
- V : B line
- No mark : RGB color bar signal.
- : Signal path.

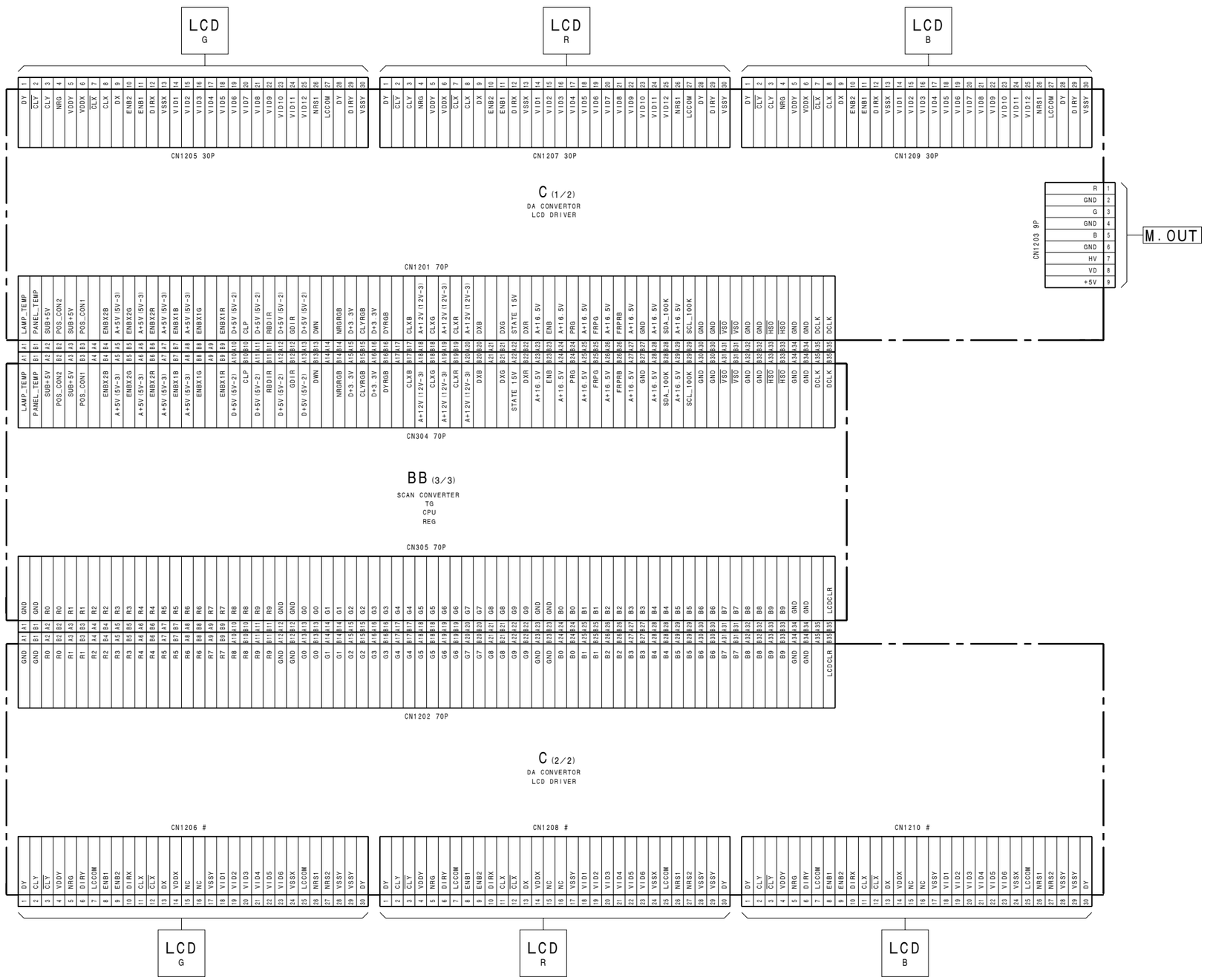
The components identified marked ⚠ are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. Frame Schematic Diagram

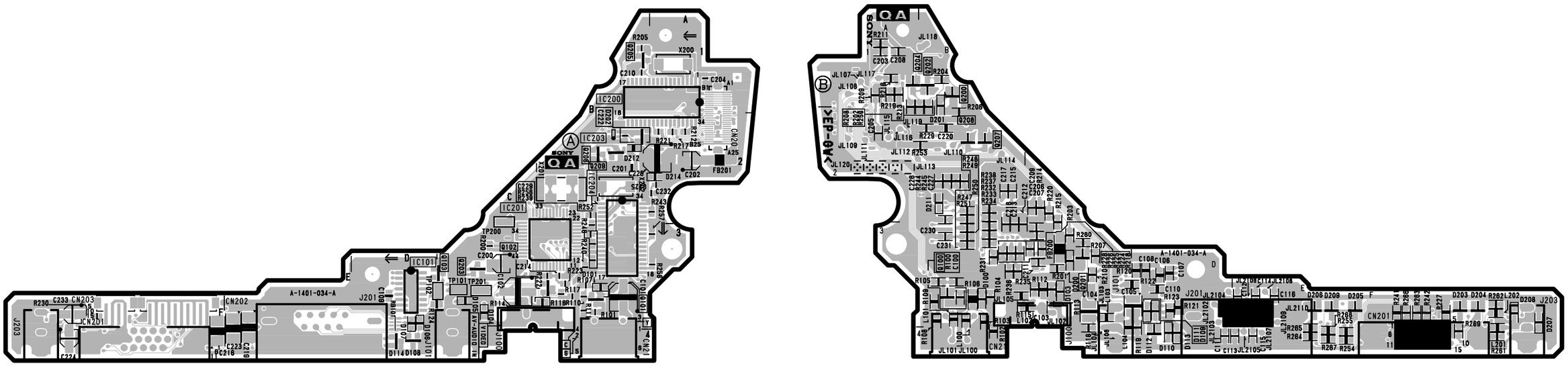



RSP
LSP
CN12 4P
1 SP_R-
2 SP_R+
3 SP_L-
4 SP_L+
NF
FRONT RECIVER
CN15 3P
SUB+5V 1
SIRCS-NF 2
GND 3
CN32 3P
1 SUB+5V (5V-1)
2 SIRCS-NF
3 GND
INPUT-A
CN302 HD15P
INPUT-B
CN303 HD15P
QB
INPUT TERMINAL SIRCS INPUT SELECT AUDIOPROCESS
CN31 70P
CN308 70P
RED (A/B) A1 A1 RED (A/B)
RED (A/B) B1 B1 RED (A/B)
GND A2 A2 GND
GND B2 B2 GND
GREEN (A/B) A3 A3 GREEN (A/B)
GREEN (A/B) B3 B3 GREEN (A/B)
GND A4 A4 GND
GND B4 B4 GND
BLUE (A/B) A5 A5 BLUE (A/B)
BLUE (A/B) B5 B5 BLUE (A/B)
GND A6 A6 GND
GND B6 B6 GND
HD A7 A7 HD
HD B7 B7 HD
VD A8 A8 VD
VD B8 B8 VD
GND A9 A9 GND
GND B9 B9 GND
A+12V A10 A10 A+12V
N.C. B10 B10 N.C.
A+12V A11 A11 A+12V
N.C. B11 B11 N.C.
A+12V A12 A12 A+12V
GND B12 B12 GND
A+5V (5V-3) A13 A13 A+5V (5V-3)
V AUDIO-L B13 B13 V AUDIO-L
A+5V (5V-3) A14 A14 A+5V (5V-3)
V AUDIO-R B14 B14 V AUDIO-R
GND A15 A15 GND
GND B15 B15 GND
SCL-DDC A16 A16 SCL-DDC
SIRCS-CPU B16 B16 SIRCS-CPU
SDA-DDC A17 A17 SDA-DDC
SIRCS-NR B17 B17 SIRCS-NR
SW-DDC A18 A18 SW-DDC
A/B (IN A/CE) B18 B18 A/B (IN A/CE)
NR-ON A19 A19 NR-ON
RXD CE (UART) B19 B19 RXD CE (UART)
NF-ON A20 A20 NF-ON
TXD CE (UART) B20 B20 TXD CE (UART)
GND A21 A21 GND
GND B21 B21 GND
VIDEO/RGB A22 A22 VIDEO/RGB
SLC-DDC B22 B22 SLC-DDC
SDA-DDC A23 A23 SDA-DDC
SW-DDC B23 B23 SW-DDC
N.C. A24 A24 N.C.
GND B24 B24 GND
GND A25 A25 GND
GND B25 B25 GND
GND A26 A26 GND
SIRCS-U B26 B26 SIRCS-U
GND A27 A27 GND
GND B27 B27 GND
V BUS A28 A28 V BUS
SP MUTE B28 B28 SP MUTE
A-CS A29 A29 A-CS
SDAT B29 B29 SDAT
AU-CLK A30 A30 AU-CLK
AU-MUTE B30 B30 AU-MUTE
5V-4 A31 A31 5V-4
5V-4 B31 B31 5V-4
GND A32 A32 GND
GND B32 B32 GND
US+ A33 A33 US+
US- B33 B33 US-
SUB+5V (5V-1) A34 A34 SUB+5V (5V-1)
SUB+5V (5V-1) B34 B34 SUB+5V (5V-1)
SUB+5V (5V-1) A35 A35 SUB+5V (5V-1)
SUB+5V (5V-1) B35 B35 SUB+5V (5V-1)
BB (2/3)
SCAN CONVERTER TG CPU REG
CN303 70P
CN101 70P
GND A1 A1 GND
GND B1 B1 GND
CVBS A2 A2 CVBS
GND B2 B2 GND
S-Y A3 A3 S-Y
GND B3 B3 GND
S-C A4 A4 S-C
GND B4 B4 GND
E-RESET A5 A5 F-RESET
N.C B5 B5 N.C.
E-CL A6 A6 F-CL
SCL B6 B6 SCL
E-DA A7 A7 F-DA
SDA B7 B7 SDA
SUB5V A8 A8 SUB5V
GND B8 B8 GND
SUB5V A9 A9 SUB5V
GND B9 B9 GND
SUB5V A10 A10 SUB5V
VB-Y B10 B10 VB-Y
SUB5V A11 A11 SUB5V
VR-Y B11 B11 VR-Y
GND A12 A12 GND
GND B12 B12 GND
V-R A13 A13 V-R
V-R B13 B13 V-R
GND A14 A14 GND
GND B14 B14 GND
V-G A15 A15 V-G
V-G B15 B15 V-G
GND A16 A16 GND
GND B16 B16 GND
V-B A17 A17 V-B
V-B B17 B17 V-B
GND A18 A18 GND
GND B18 B18 GND
N.C A19 A19 N.C.
V-VD B19 B19 V-VD
V-CLP A20 A20 V-CLP
V-HD B20 B20 V-HD
GND A21 A21 GND
GND B21 B21 GND
DTV-HD A22 A22 DTV-HD
DTV-VD B22 B22 DTV-VD
GND A23 A23 GND
GND B23 B23 GND
DTV-G A24 A24 DTV-G
DTV-G B24 B24 DTV-G
GND A25 A25 GND
GND B25 B25 GND
DTV-B A26 A26 DTV-B
DTV-B B26 B26 DTV-B
GND A27 A27 GND
GND B27 B27 GND
DTV-R A28 A28 DTV-R
DTV-R B28 B28 DTV-R
GND A29 A29 GND
GND B29 B29 GND
VY A30 A30 VY
15K-CS B30 B30 15K-CS
GND A31 A31 GND
GND B31 B31 GND
A9V A32 A32 A9V
A5V B32 B32 A5V
A9V A33 A33 A9V
A5V B33 B33 A5V
GND A34 A34 GND
GND B34 B34 GND
SIRCS-NR A35 A35 SIRCS-NR
SIRCS-NR B35 B35 SIRCS-NR
BA
D.COMB CHROMA DECODER RGB INTERFACE
S VIDEO
CN21 4P
VIDEO IN
VIDEO
J100
AUDIO
J101
RS-232C
J201
QA (2/2)
INPUT TERMINAL (VIDEO/USB/MOUSE)
MONITER
CN201
OUTPUT
AUDIO
J203
CN202 10P
RGB OUT R 1
GND 2
RGB OUT G 3
GND 4
RGB OUT B 5
GND 6
HD 7
GND 8
VD 9
GND 10
CN13 11P
1 RGB OUT R
2 GND
3 RGB OUT G
4 GND
5 RGB OUT B
6 GND
7 HD
8 GND
9 VD
10 GND
CN203 4P
AUDIO OUT R 1
GND 2
AUDIO OUT L 3
GND 4
CN11 4P
1 AUDIO OUT R
2 GND
3 AUDIO OUT L
4 GND
CN806 4P
1 FILT COVER
2 GND
3 LAMP COVER
4 GND
CN810 24P
1 GND
2 GND
3 KEY0
4 KEY1
5 SUB+5V
6 SUB+5V
7 PSAVE LED
8 LAMP LED
9 TEMP LED
10 POWER LED
11 D+5V
12 D+5V
13 GND
14 GND
15 GND
16 GND
17 GND
18 GND
19 GND
20 GND
21 GND
22 GND
23 GND
24 GND
CN16 4P
V
SW
CN10 24P
H
CONTROL PANEL
B-SS1739-WW-FRAME-P2



B-SS1739-WW-FRAME-P3

6-2. Schematic Diagrams and Printed Wiring Boards



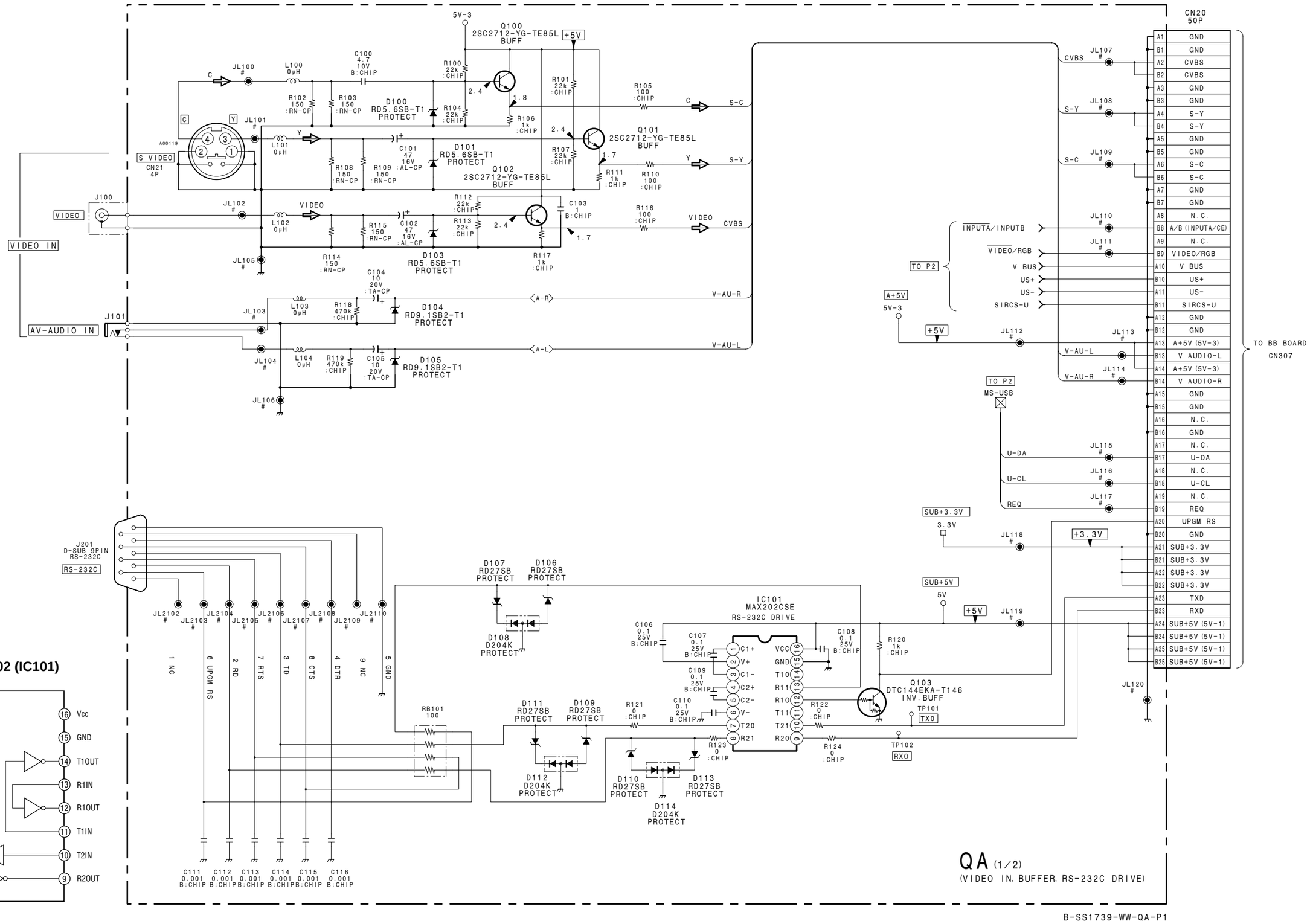
QA -A SIDE-
SUFFIX: -11

QA -B SIDE-
SUFFIX: -11

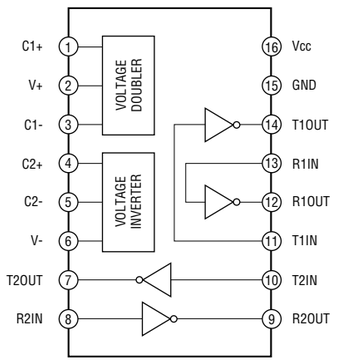
QA BOARD

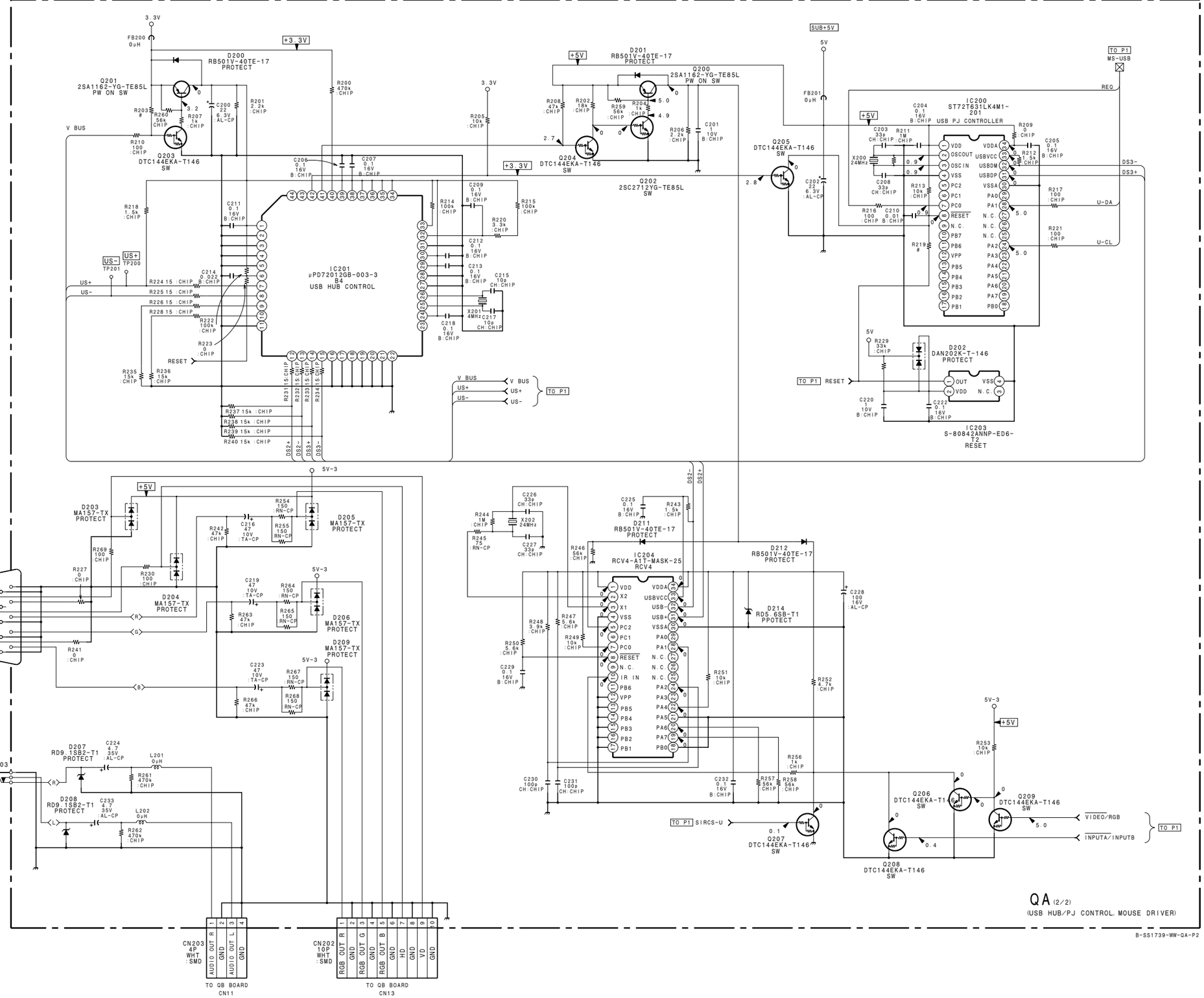
* : B SIDE

D100	*B-3	IC101	D-3		
D101	B-3	IC201	B-3		
D103	*C-3	IC200	A-1		
D104	C-3	IC203	B-2		
D105	C-3	IC204	B-2		
D106	D-3				
D107	D-3	Q100	*B-3		
D108	D-4	Q101	B-3		
D109	*D-3	Q102	C-3		
D110	*D-4	Q103	C-3		
D111	*D-3	Q200	*B-1		
D112	*D-4	Q201	*C-3		
D113	*D-4	Q202	*B-1		
D114	D-4	Q203	C-3		
D200	*C-3	Q204	*A-1		
D201	*B-2	Q205	B-1		
D202	B-2	Q206	B-2		
D203	*F-3	Q207	*B-2		
D204	*F-3	Q208	*B-2		
D205	*F-3	Q209	B-2		
D206	*E-3				
D207	*F-3	TP101	C-3		
D208	*F-3	TP102	C-3		
D209	*E-3	TP200	C-3		
D211	*B-2	TP201	C-3		
D212	B-2				
D214	A-2				



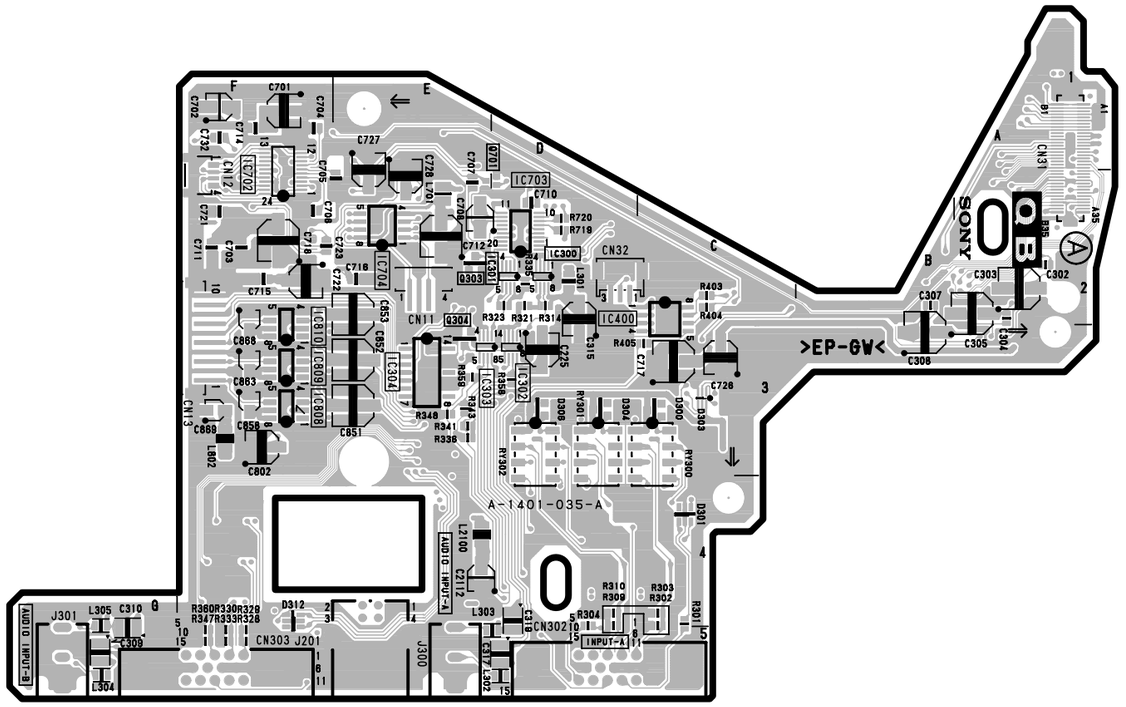
QA (1/2) MAX202 (IC101)





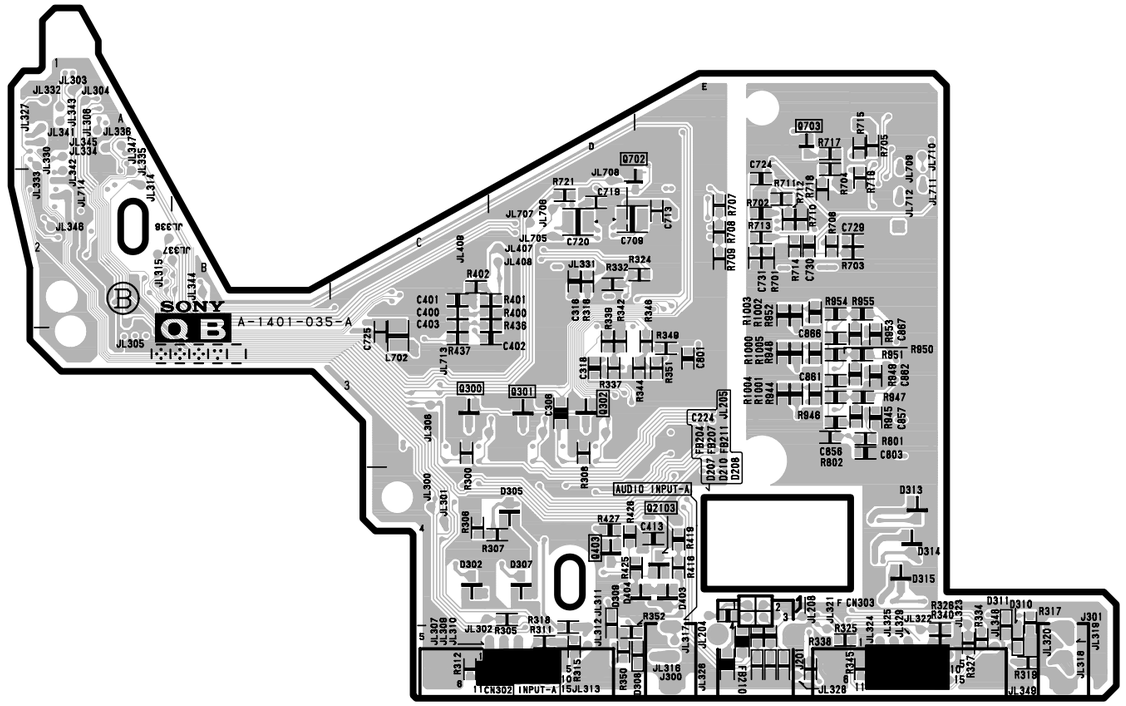
QA (2/2)
(USB HUB/PJ CONTROL, MOUSE DRIVER)

B-SS1739-WW-QA-P2



QB -A SIDE-

SUFFIX: -11



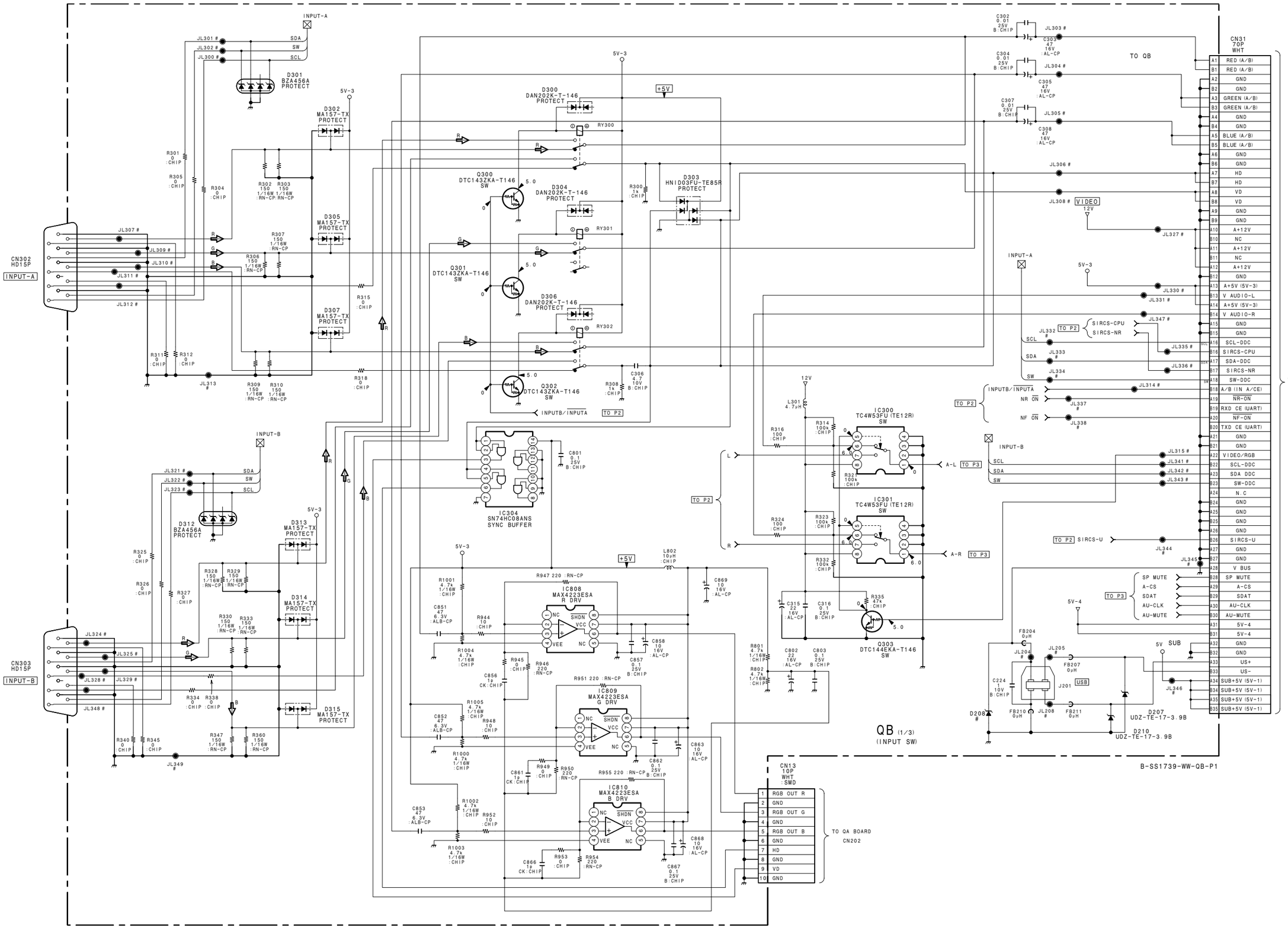
QB -B SIDE-

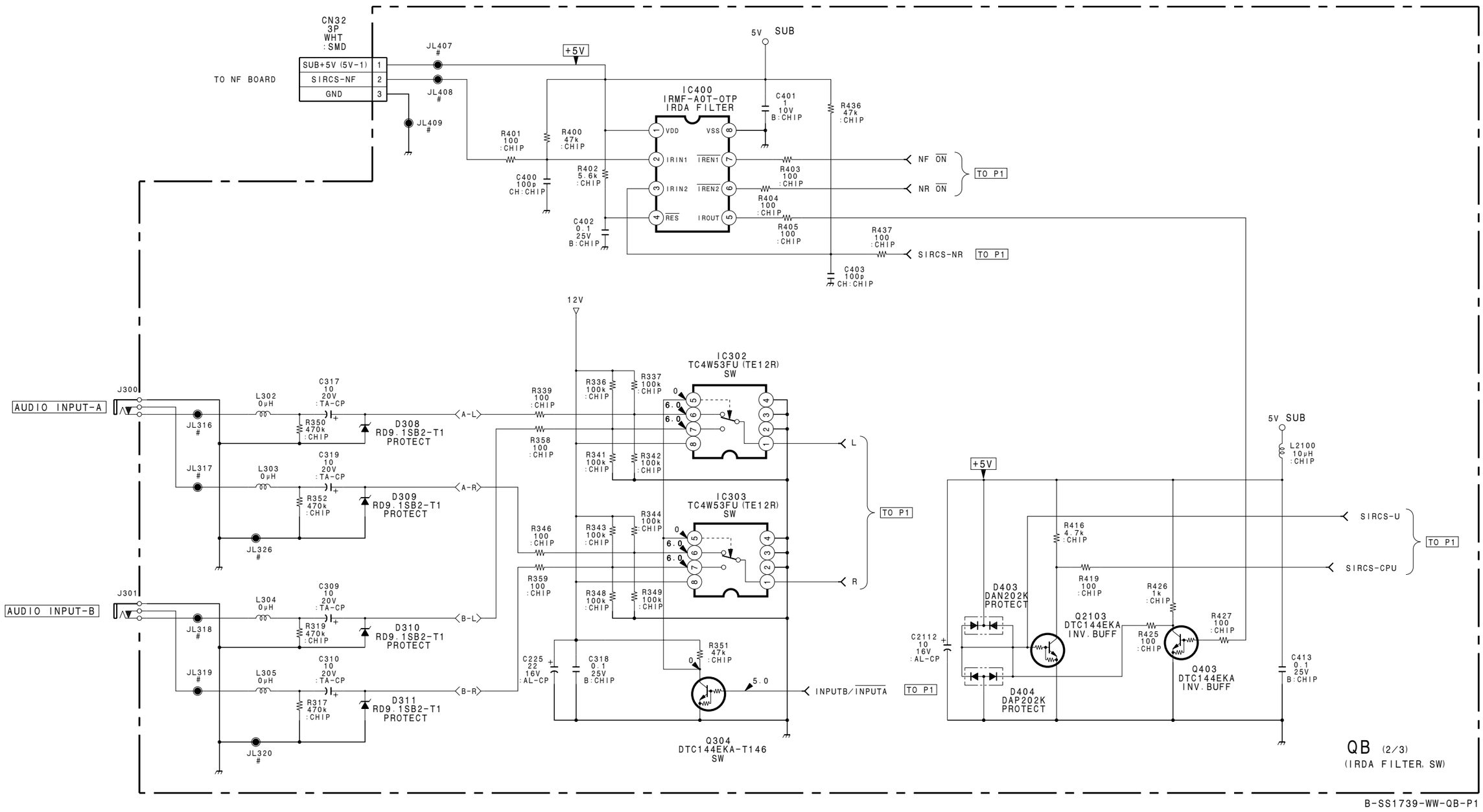
SUFFIX: -11

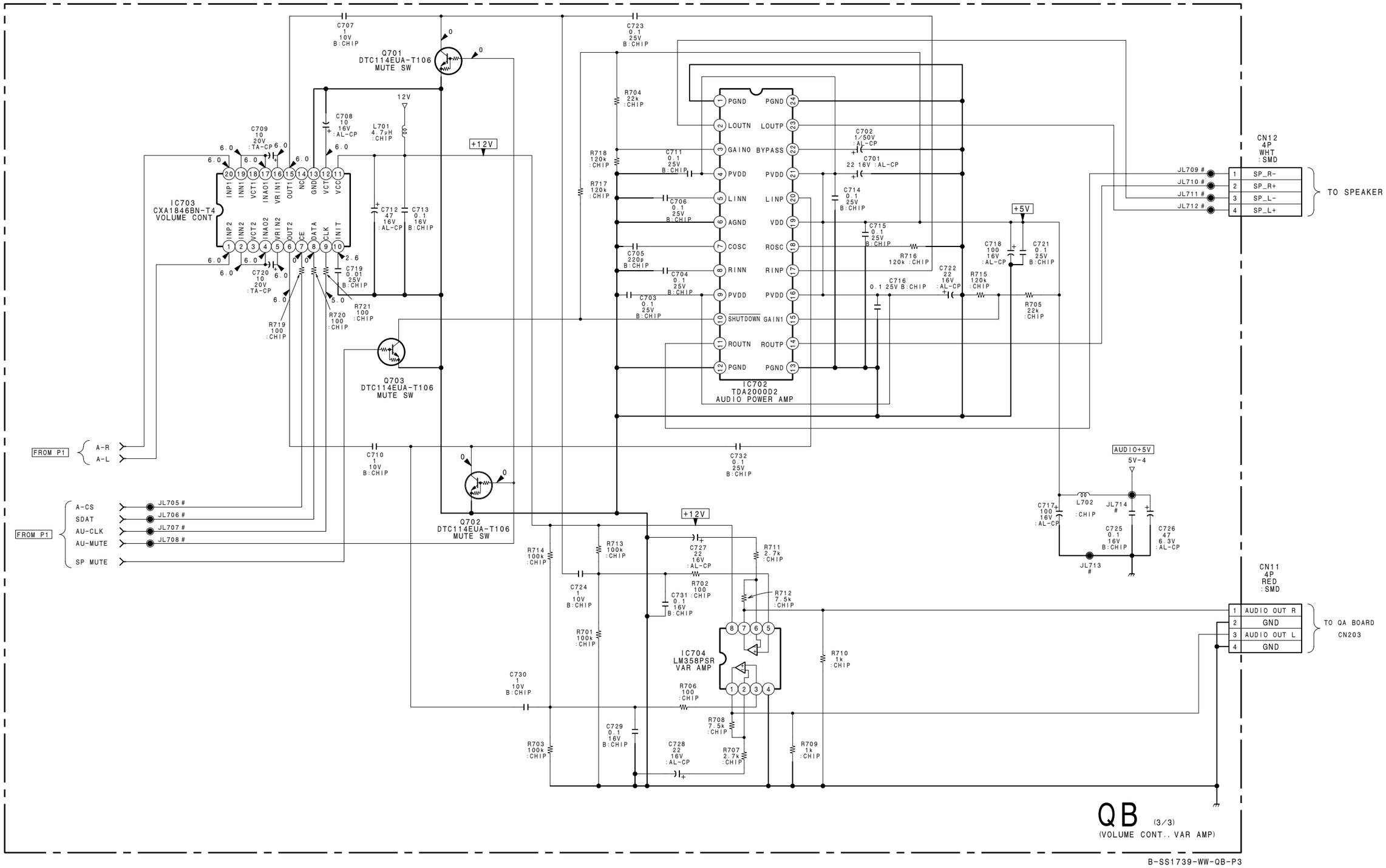
QB BOARD

* : B SIDE

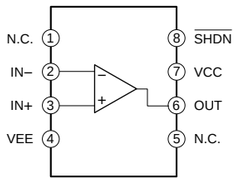
D207	*E-5	IC300	D-2
D210	*E-5	IC301	D-2
D300	C-3	IC302	D-3
D301	C-4	IC303	E-3
D302	*C-4	IC304	E-3
D303	C-3	IC400	C-2
D304	D-3	IC702	F-2
D305	*D-4	IC703	D-2
D306	D-3	IC704	E-2
D307	*D-4	IC808	F-3
D308	*E-5	IC809	F-3
D309	*D-4	IC810	F-3
D310	*G-5		
D311	*G-4	Q300	*C-3
D312	F-4	Q301	*D-3
D313	*F-4	Q302	*D-3
D314	*F-4	Q303	E-2
D315	*F-4	Q304	E-3
D403	*E-4	Q403	*D-4
D404	*E-4	Q701	D-2
		Q702	*E-2
		Q703	*F-1
		Q2103	*E-4


INPUT-A
CN302 HD15P
INPUT-B
CN303 HD15P
D301 BZA456A PROTECT
D302 MA157-TX PROTECT
D303 HN1D03FU-TE85R PROTECT
D304 DAN202K-T-146 PROTECT
D305 MA157-TX PROTECT
D306 DAN202K-T-146 PROTECT
D307 MA157-TX PROTECT
D312 BZA456A PROTECT
D313 MA157-TX PROTECT
D314 MA157-TX PROTECT
D315 MA157-TX PROTECT
D300 DAN202K-T-146 PROTECT
Q300 DTC143ZKA-T146 SW
Q301 DTC143ZKA-T146 SW
Q302 DTC143ZKA-T146 SW
Q303 DTC144EKA-T146 SW
RY300
RY301
RY302
IC300 TC4W53FU (TE12R) SW
IC301 TC4W53FU (TE12R) SW
IC304 SN74HC08ANS SYNC BUFFER
IC808 MAX4223ESA R DRV
IC809 MAX4223ESA G DRV
IC810 MAX4223ESA B DRV
5V-3
+5V
12V
5V-4
5V SUB
INPUTB/INPUTA
TO P2
TO P3
A-L
A-R
NR ON
NF ON
SIRCS-CPU
SIRCS-NR
SIRCS-U
VIDEO 12V
SCL
SDA
SW
SDA DDC
SCL-DDC
SW-DDC
SP MUTE
A-CS
SDAT
AU-CLK
AU-MUTE
USB
J201
D207 UDZ-TE-17-3.9B
D210 UDZ-TE-17-3.9B
CN31 70P WHT
TO QB
TO BB BOARD CN308
CN13 10P WHT :SMD
TO QA BOARD CN202
QB (1/3) (INPUT SW)
B-SS1739-WW-QB-P1

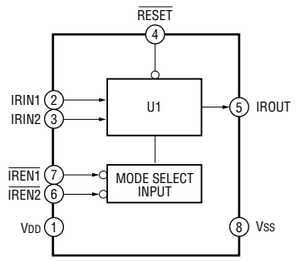

CN32
3P
WHT
:SMD
SUB+5V (5V-1) 1
SIRCS-NF 2
GND 3
TO NF BOARD
JL407
#
JL408
#
JL409
#
+5V
5V SUB
IC400
IRMF-A0T-OTP
IRDA FILTER
VDD
VSS
IRIN1
IREN1
IRIN2
IREN2
RES
IROUT
C401
1
10V
B:CHIP
R436
47k
:CHIP
R401
100
:CHIP
R400
47k
:CHIP
C400
100p
CH:CHIP
R402
5.6k
:CHIP
C402
0.1
25V
B:CHIP
R403
100
:CHIP
R404
100
:CHIP
R405
100
:CHIP
NF ON
NR ON
TO P1
R437
100
:CHIP
SIRCS-NR
TO P1
C403
100p
CH:CHIP
12V
J300
AUDIO INPUT-A
JL316
#
JL317
#
JL326
#
L302
0μH
L303
0μH
C317
10
20V
:TA-CP
C319
10
20V
:TA-CP
R350
470k
:CHIP
R352
470k
:CHIP
D308
RD9.1SB2-T1
PROTECT
D309
RD9.1SB2-T1
PROTECT
A-L
A-R
J301
AUDIO INPUT-B
JL318
#
JL319
#
JL320
#
L304
0μH
L305
0μH
C309
10
20V
:TA-CP
C310
10
20V
:TA-CP
R319
470k
:CHIP
R317
470k
:CHIP
D310
RD9.1SB2-T1
PROTECT
D311
RD9.1SB2-T1
PROTECT
B-L
B-R
IC302
TC4W53FU (TE12R)
SW
R339
100
:CHIP
R358
100
:CHIP
R336
100k
:CHIP
R337
100k
:CHIP
R341
100k
:CHIP
R342
100k
:CHIP
L
IC303
TC4W53FU (TE12R)
SW
R346
100
:CHIP
R359
100
:CHIP
R343
100k
:CHIP
R344
100k
:CHIP
R348
100k
:CHIP
R349
100k
:CHIP
R
TO P1
C225
22
16V
:AL-CP
C318
0.1
25V
B:CHIP
R351
47k
:CHIP
INPUTB/INPUTA
TO P1
Q304
DTC144EKA-T146
SW
C2112
10
16V
:AL-CP
+5V
D403
DAN202K
PROTECT
D404
DAP202K
PROTECT
R416
4.7k
:CHIP
R419
100
:CHIP
Q2103
DTC144EKA
INV. BUFF
R426
1k
:CHIP
R425
100
:CHIP
R427
100
:CHIP
Q403
DTC144EKA
INV. BUFF
5V SUB
L2100
10μH
:CHIP
C413
0.1
25V
B:CHIP
SIRCS-U
SIRCS-CPU
TO P1
QB (2/3)
(IRDA FILTER, SW)
B-SS1739-WW-QB-P1


C707 1 10V B:CHIP
Q701 DTC114EUA-T106 MUTE SW
12V
C708 10 16V :AL-CP
L701 4.7µH :CHIP
+12V
C709 10 20V :TA-CP
IC703 CXA1846BN-T4 VOLUME CONT
INP1 INN1 VCT1 INA01 VRIN1 OUT1 NC GND VCT VCC
INP2 INN2 VCT2 INA02 VRIN2 OUT2 CE DATA CLK INIT
C712 47 16V :AL-CP
C713 0.1 16V B:CHIP
C719 0.01 25V B:CHIP
C720 10 20V :TA-CP
R719 100 :CHIP
R720 100 :CHIP
R721 100 :CHIP
Q703 DTC114EUA-T106 MUTE SW
C723 0.1 25V B:CHIP
R704 22k :CHIP
R718 120k :CHIP
R717 120k :CHIP
C711 0.1 25V B:CHIP
C706 0.1 25V B:CHIP
C705 220p B:CHIP
C704 0.1 25V B:CHIP
C703 0.1 25V B:CHIP
PGND LOUTN GAIN0 PVDD LINN AGND COSC RINN PVDD SHUTDOWN ROUTN PGND
LOUTP BYPASS PVDD LINP VDD ROSC RINP PVDD GAIN1 ROUTP PGND
IC702 TDA2000D2 AUDIO POWER AMP
C702 1/50V :AL-CP
C701 22 16V :AL-CP
C714 0.1 25V B:CHIP
C715 0.1 25V B:CHIP
R716 120k :CHIP
C716 0.1 25V B:CHIP
C722 22 16V :AL-CP
R715 120k :CHIP
C718 100 16V :AL-CP
C721 0.1 25V B:CHIP
R705 22k :CHIP
+5V
CN12 4P WHT :SMD
JL709 # JL710 # JL711 # JL712 #
SP_R- SP_R+ SP_L- SP_L+
TO SPEAKER
FROM P1
A-R A-L
A-CS SDAT AU-CLK AU-MUTE SP MUTE
JL705 # JL706 # JL707 # JL708 #
C710 1 10V B:CHIP
Q702 DTC114EUA-T106 MUTE SW
C732 0.1 25V B:CHIP
AUDIO+5V
5V-4
L702 :CHIP
C717 100 16V :AL-CP
JL714 #
C725 0.1 16V B:CHIP
C726 47 6.3V :AL-CP
JL713 #
+12V
C727 22 16V :AL-CP
R714 100k :CHIP
R713 100k :CHIP
R711 2.7k :CHIP
C724 1 10V B:CHIP
R702 100
C731 :CHIP 0.1 16V B:CHIP
R712 7.5k :CHIP
R701 100k :CHIP
IC704 LM358PSR VAR AMP
R710 1k :CHIP
C730 1 10V B:CHIP
R706 100 :CHIP
R708 7.5k :CHIP
C729 0.1 16V B:CHIP
C728 22 16V :AL-CP
R707 2.7k :CHIP
R703 100k :CHIP
R709 1k :CHIP
CN11 4P RED :SMD
AUDIO OUT R GND AUDIO OUT L GND
TO QA BOARD CN203
QB (3/3)
(VOLUME CONT., VAR AMP)
B-SS1739-WW-QB-P3

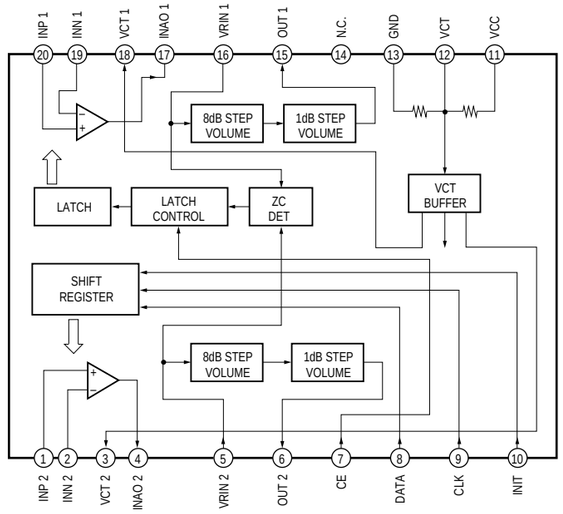
QB (1/3) MAX4223 (IC808, IC809, IC810)



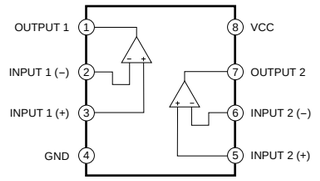
QB (2/3) IRMF2-A0T-OTP (IC400)



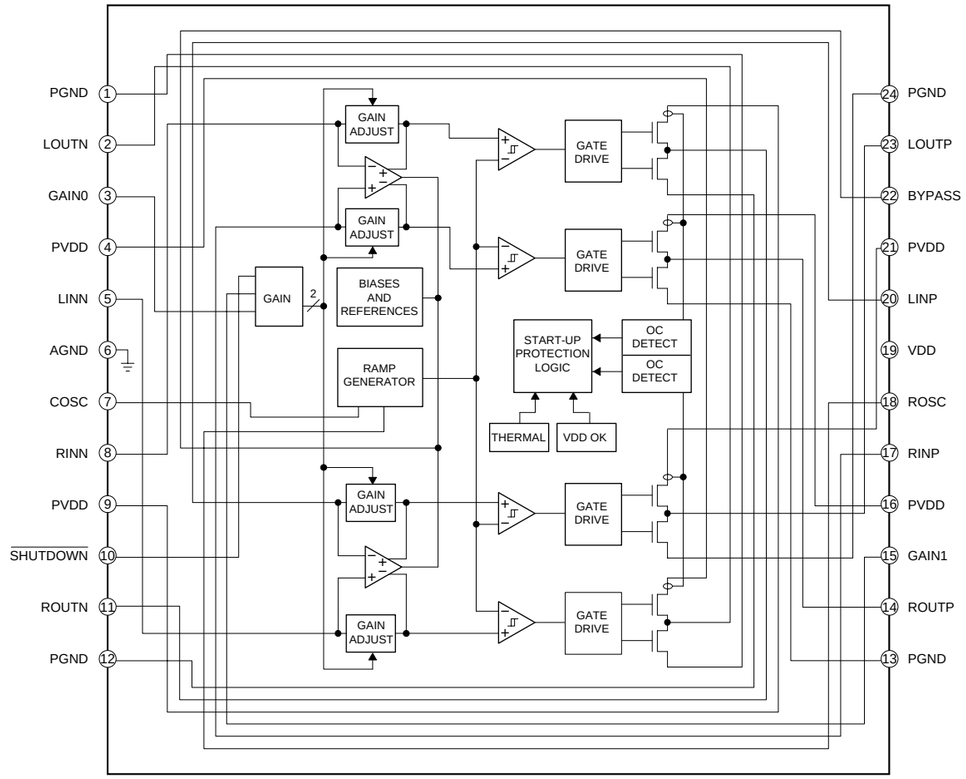
QB (3/3) CXA1846BN-T4 (IC703)

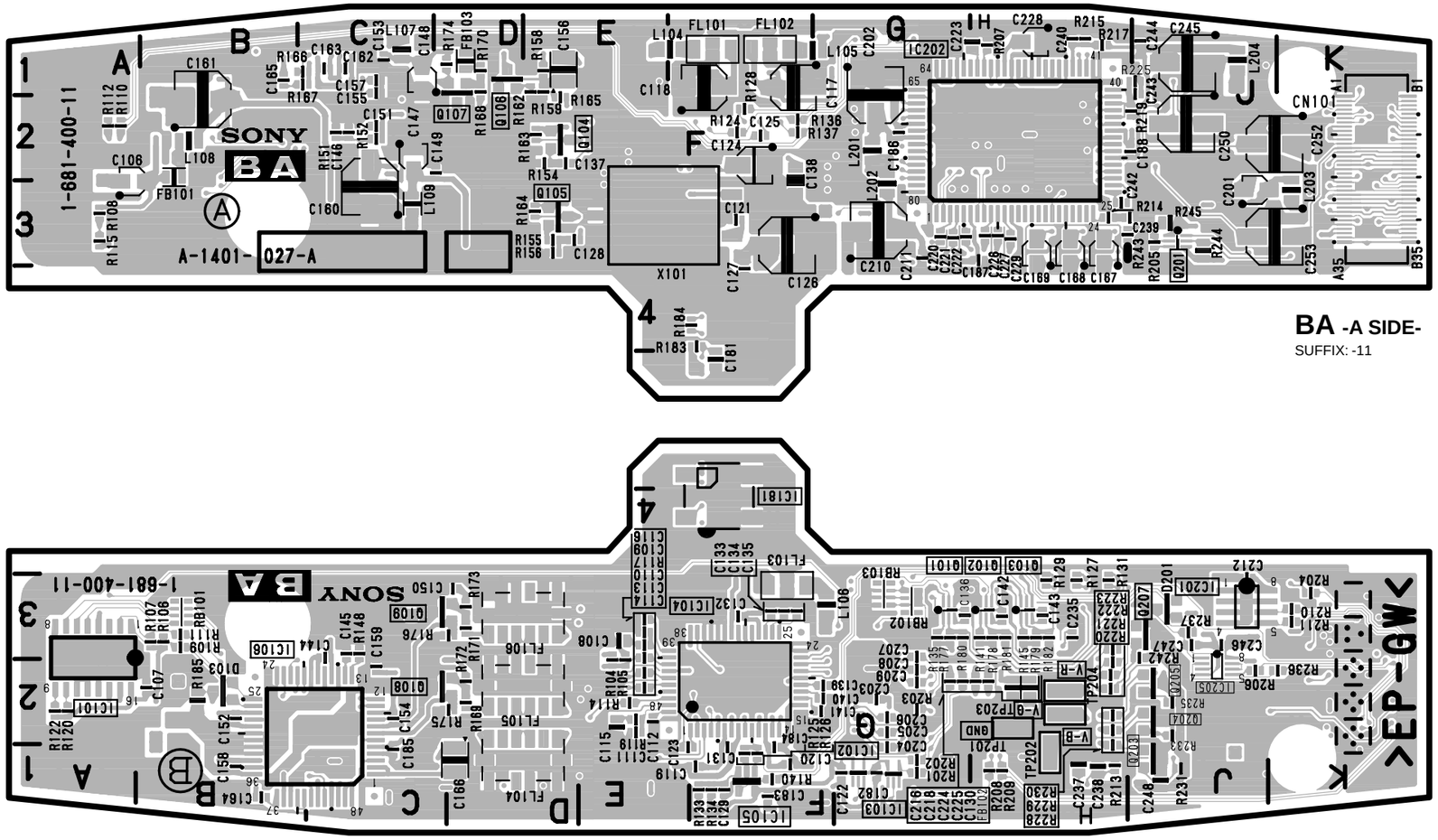


QB (3/3) LM358PSR (IC704)



QB (3/3) TDA2000D2 (IC702)





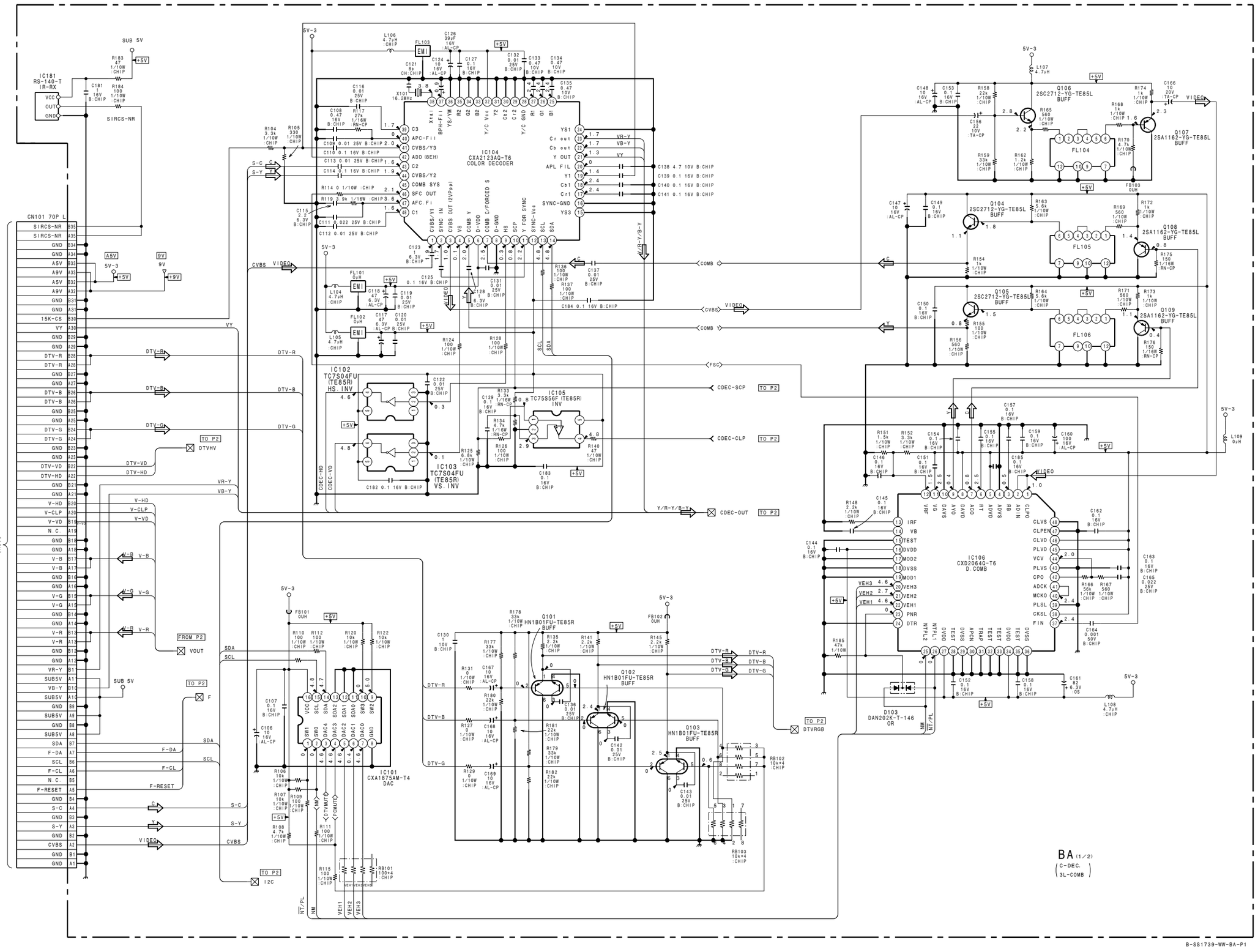
BA -A SIDE-
SUFFIX: -11

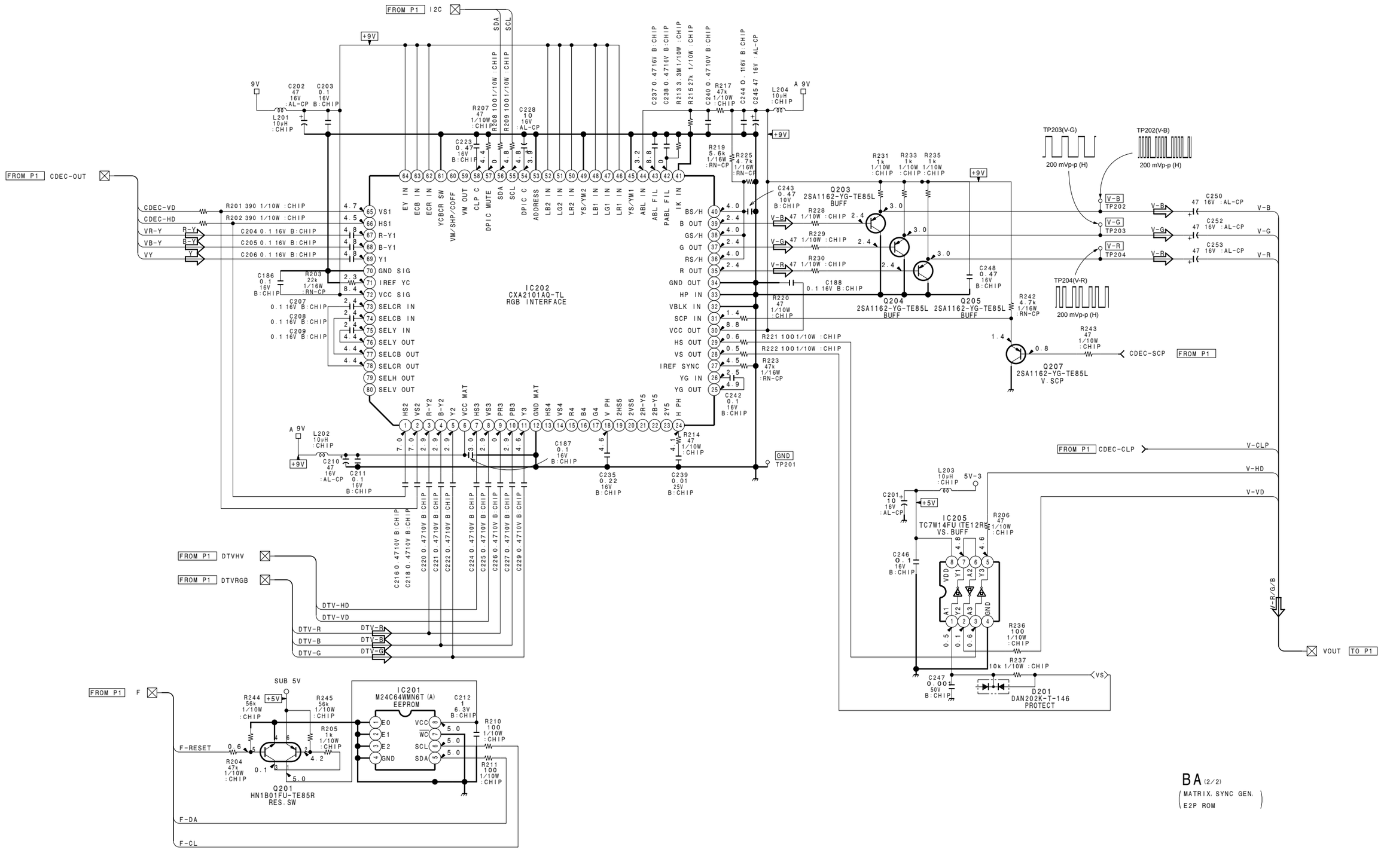
BA -B SIDE-
SUFFIX: -11

BA BOARD

* : B SIDE

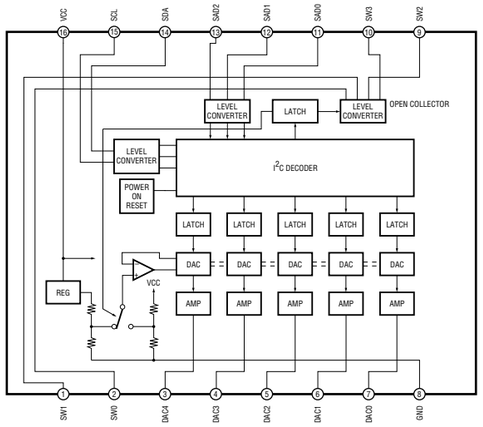
D103	*B-2	Q101	*G-3
D201	*J-3	Q102	*H-3
		Q103	*H-3
IC101	*A-2	Q104	E-2
IC102	*F-1	Q105	E-3
IC103	*G-1	Q106	D-2
IC104	*F-3	Q107	D-2
IC105	*F-2	Q108	*C-2
IC106	*C-2	Q109	*C-3
IC181	*F-4	Q201	J-3
IC201	*J-3	Q203	*J-1
IC202	H-2	Q204	*J-2
IC205	*J-2	Q205	*J-2
		Q207	*J-3
		TP201	*H-2
		TP202	*H-1
		TP204	*H-2


CN101 70P L
TO BB BOARD CN603
IC104 CXA2123AQ-T6 COLOR DECODER
IC102 TC7S04FU (TE85R) HS. INV
IC103 TC7S04FU (TE85R) VS. INV
IC105 TC75S56F (TE85R) INV
IC101 CXA1875AM-T4 DAC
IC106 CXD2064Q-T6 D.COMB
Q101 HN1B01FU-TE85R BUFF
Q102 HN1B01FU-TE85R BUFF
Q103 HN1B01FU-TE85R BUFF
Q104 2SC2712-YG-TE85L BUFF
Q105 2SC2712-YG-TE85L BUFF
Q106 2SC2712-YG-TE85L BUFF
Q107 2SA1162-YG-TE85L BUFF
Q108 2SA1162-YG-TE85L BUFF
Q109 2SA1162-YG-TE85L BUFF
D103 DAN202K-T-146
FL104
FL105
FL106
CVBS VIDEO
S-C C
S-Y Y
VIDEO
COMB
CVBS
FSC
CDEC-SCP
CDEC-CLP
CDEC-OUT
Y/R-Y/B-Y
DTVRGB
I2C
DTVHV
VOUT
F
SUB 5V
5V-3
9V
A5V
BA (1/2) (C-DEC. 3L-COMB)
B-SS1739-WW-BA-P1

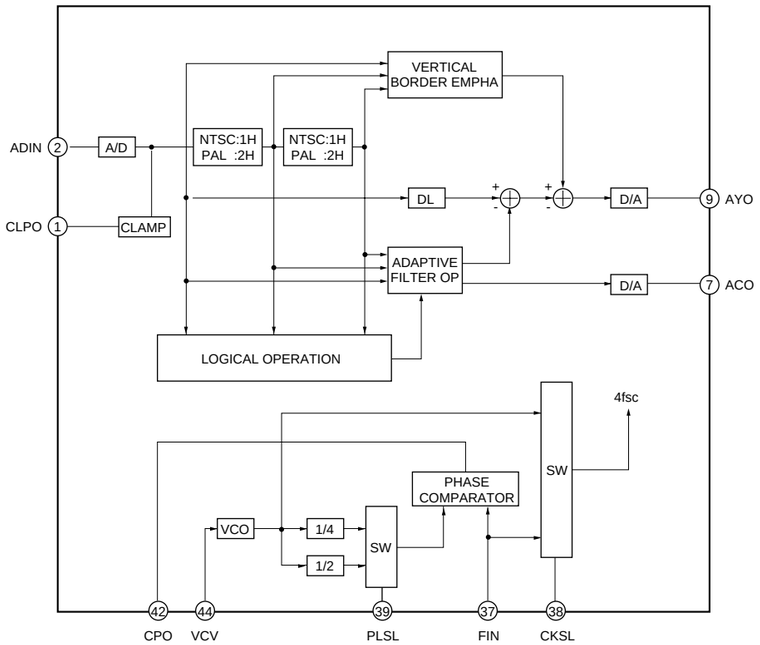


B-SS1739-WW-BA-P2

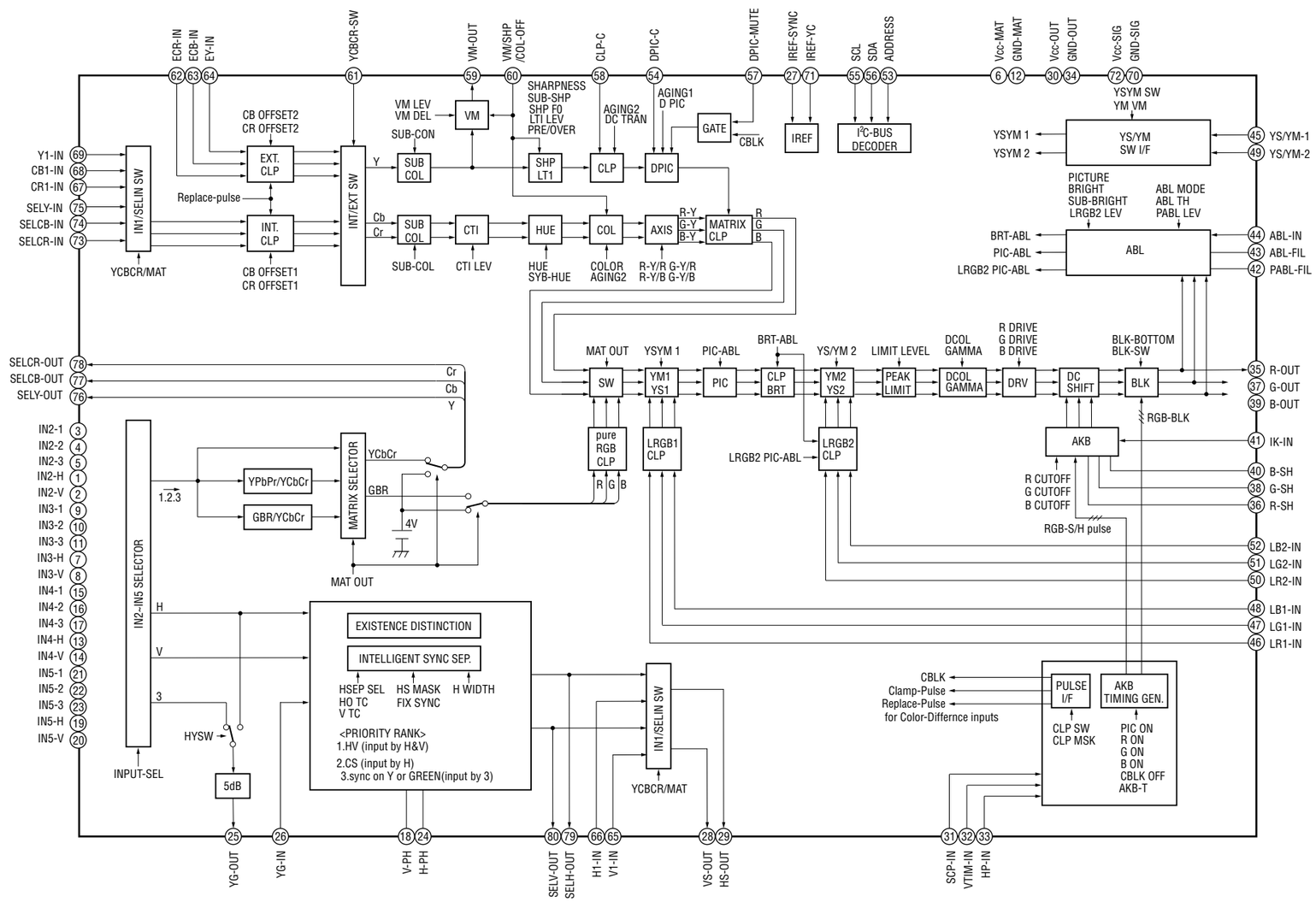
BA (1/2) CXA1875AM-T4 (IC101)

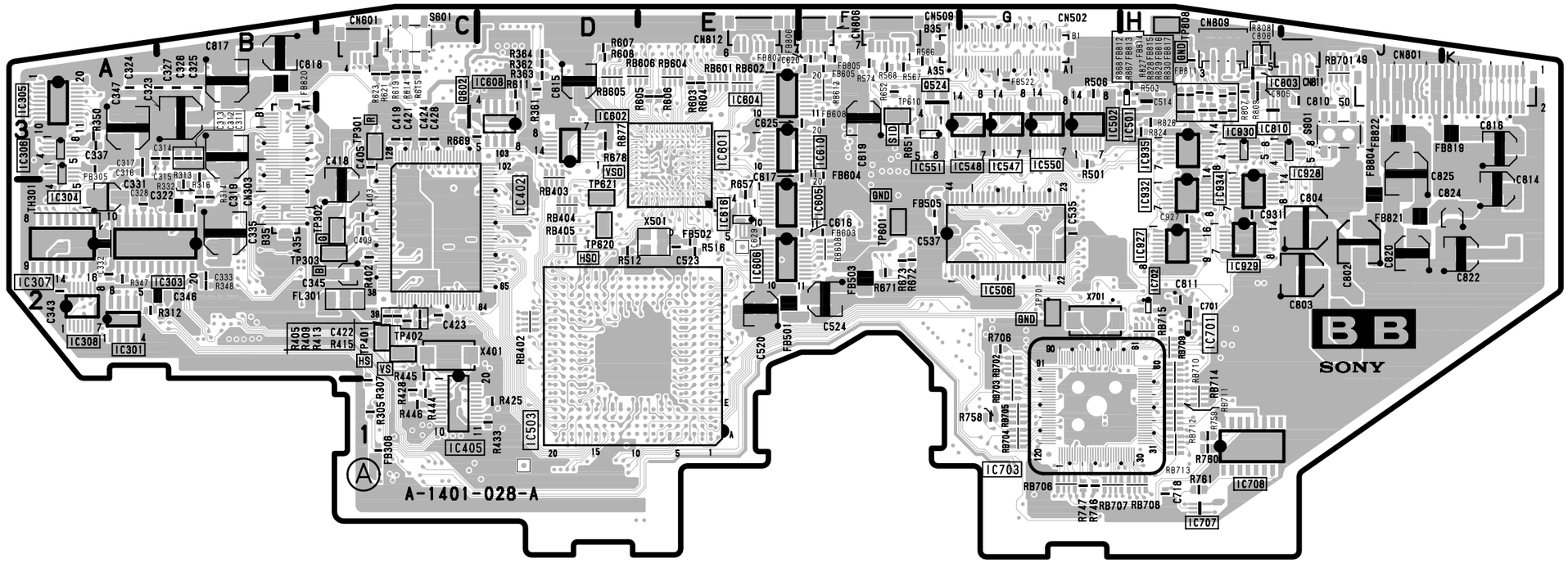


BA (1/2) CXD2064Q-T6 (IC106)



BA (2/2) CXA2101AQ (IC202)





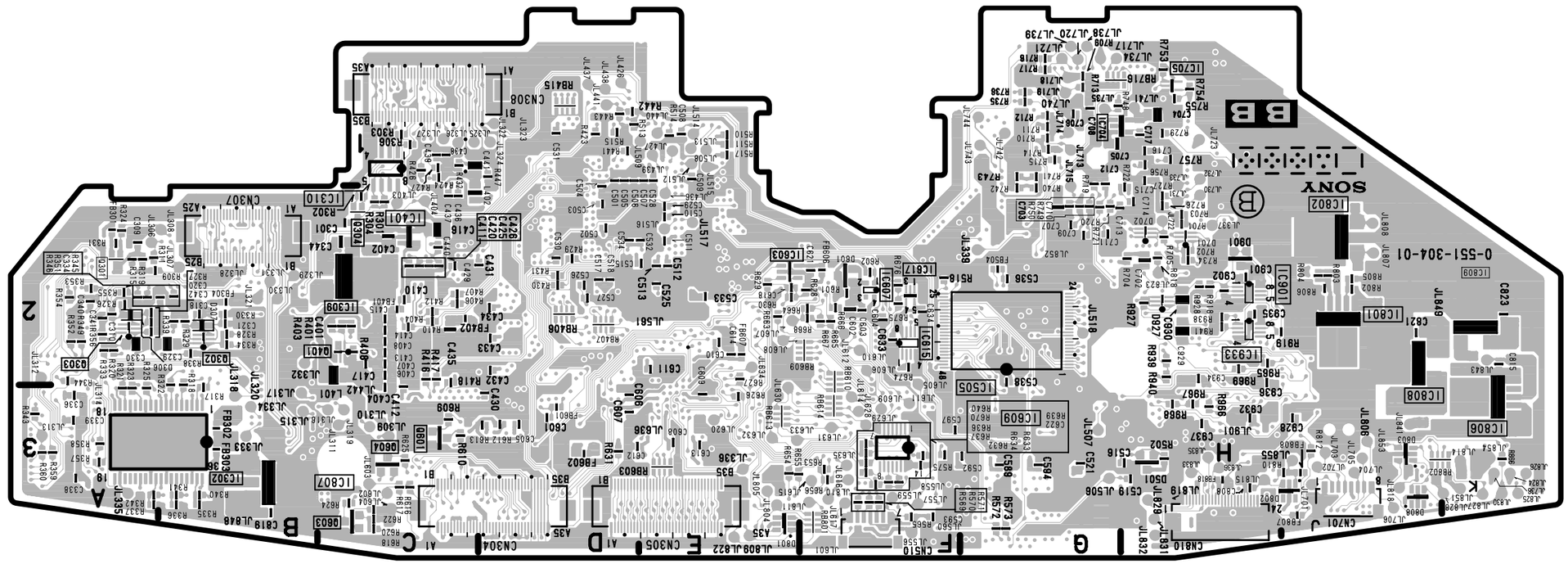
BB BOARD

* : B SIDE

D306	*A-2		IC701	H-2	
D307	*B-2		IC702	H-2	
D501	*H-3		IC703	G-1	
D601	*F-2		IC704	*G-1	
D701	*H-2		IC705	*H-1	
D702	*H-2		IC801	*J-2	
D801	*E-3		IC802	*J-2	
D802	*J-3		IC803	H-3	
D803	*J-3		IC806	*K-3	
D808	*J-3		IC807	*C-3	
D901	*H-2		IC808	*J-2	
D927	*H-2		IC809	*K-2	
			IC810	J-3	
IC301	A-2		IC901	*H-2	
IC302	*B-3		IC927	H-2	
IC303	A-2		IC928	J-3	
IC304	A-3		IC929	H-2	
IC305	A-3		IC930	H-3	
IC306	A-3		IC932	H-2	
IC307	A-2		IC933	*H-2	
IC308	A-2		IC934	H-2	
IC309	*C-2		IC935	H-3	
IC310	*C-1				
IC401	*C-2		Q301	*A-2	
IC402	C-2		Q302	*B-2	
IC405	C-1		Q303	*A-2	
IC501	H-3		Q304	*C-2	
IC502	G-3		Q401	*C-2	
IC503	D-2		Q524	F-3	
IC505	*G-2		Q601	*C-3	
IC506	G-2		Q602	C-3	
IC547	G-3		Q603	*C-3	
IC548	G-3		Q604	*C-3	
IC550	G-3				
IC551	F-3		TP301	C-3	
IC601	E-3		TP302	C-2	
IC602	D-3		TP303	C-2	
IC604	E-3		TP401	C-2	
IC605	E-2		TP402	C-2	
IC606	E-2		TP601	F-2	
IC607	*F-2		TP610	F-3	
IC608	D-3		TP620	D-2	
IC609	*F-3		TP621	D-2	
IC610	E-3		TP701	G-2	
IC615	*F-2		TP808	H-3	
IC616	E-2				

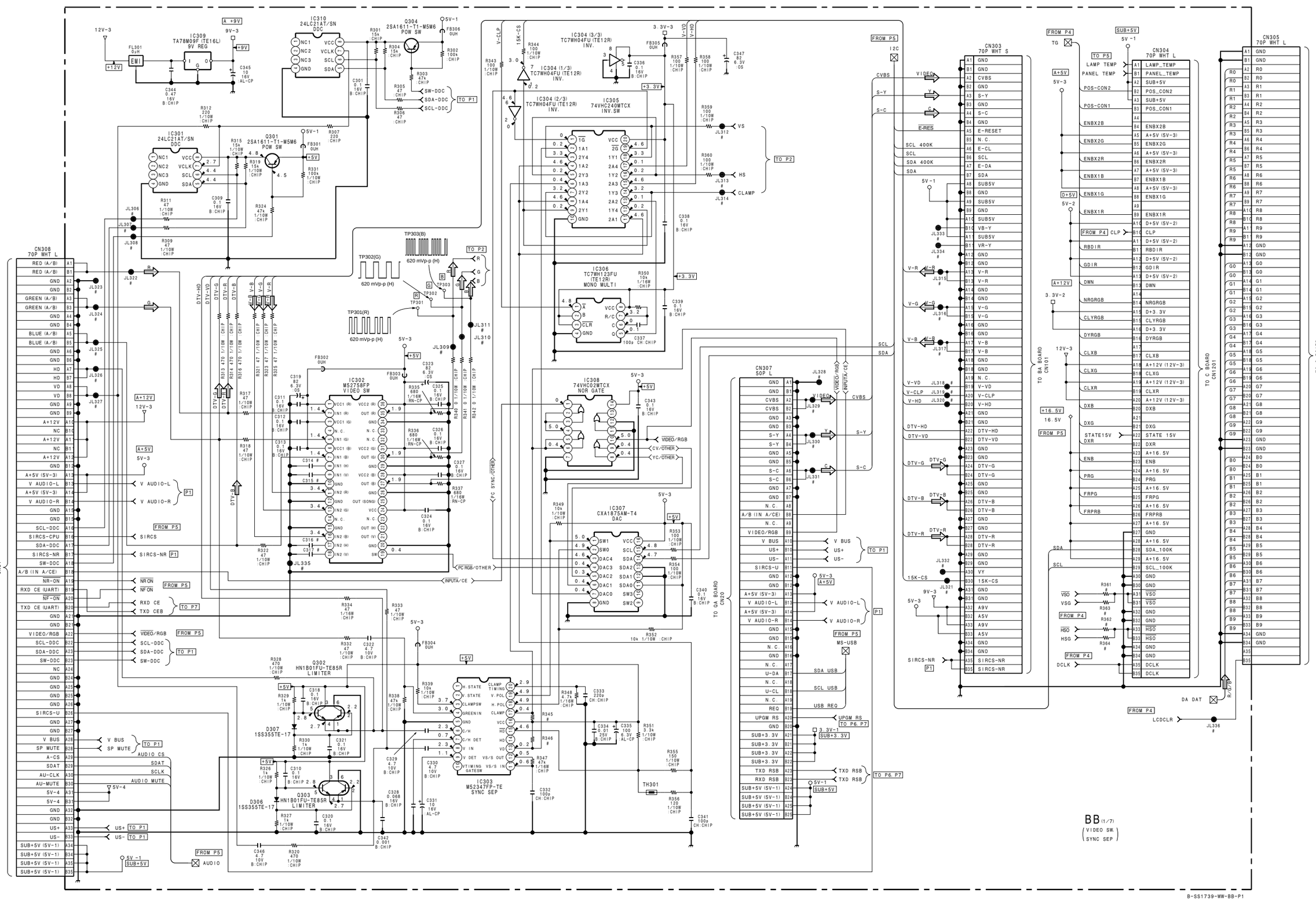
BB -A SIDE-

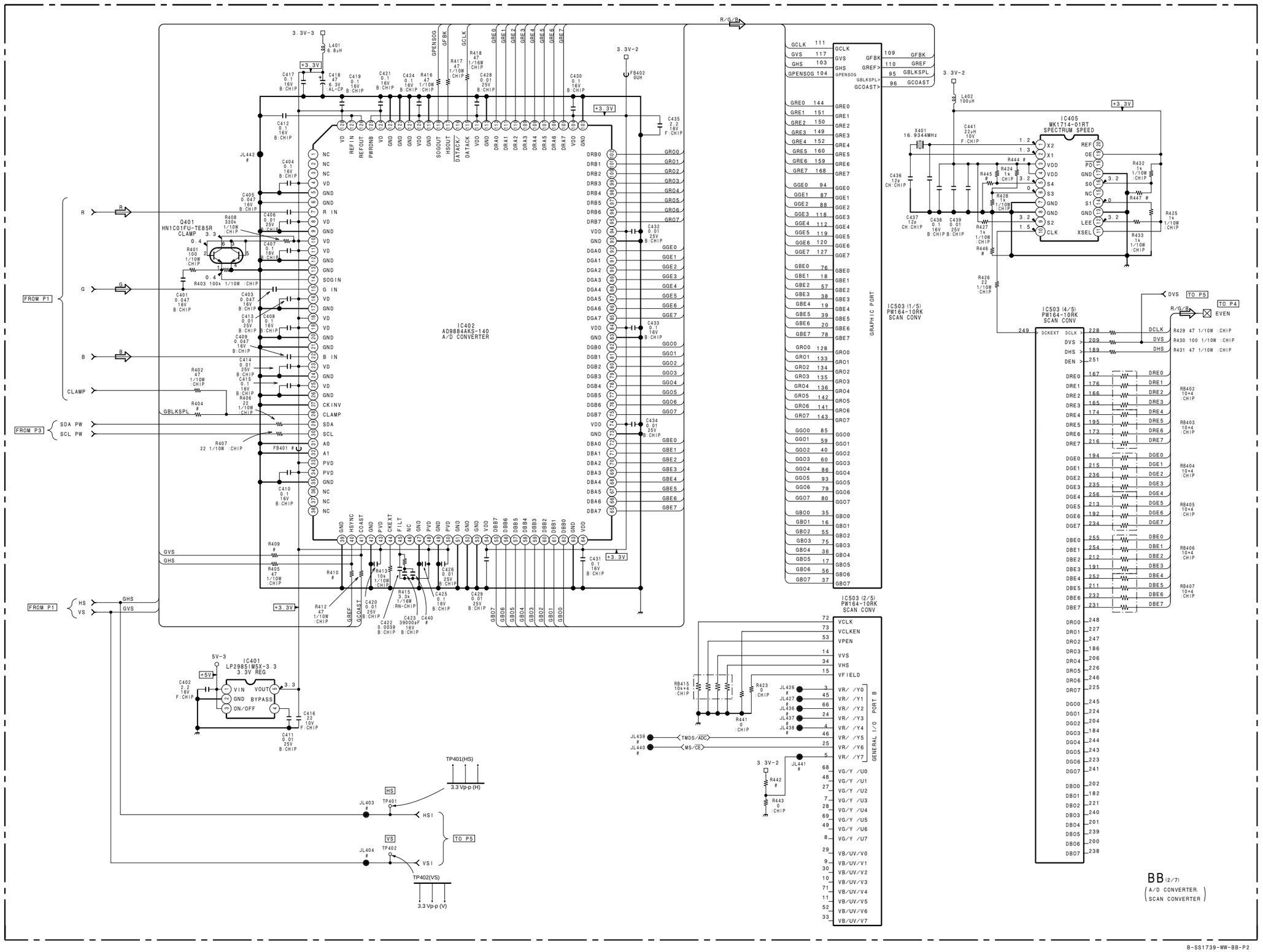
SUFFIX: -11

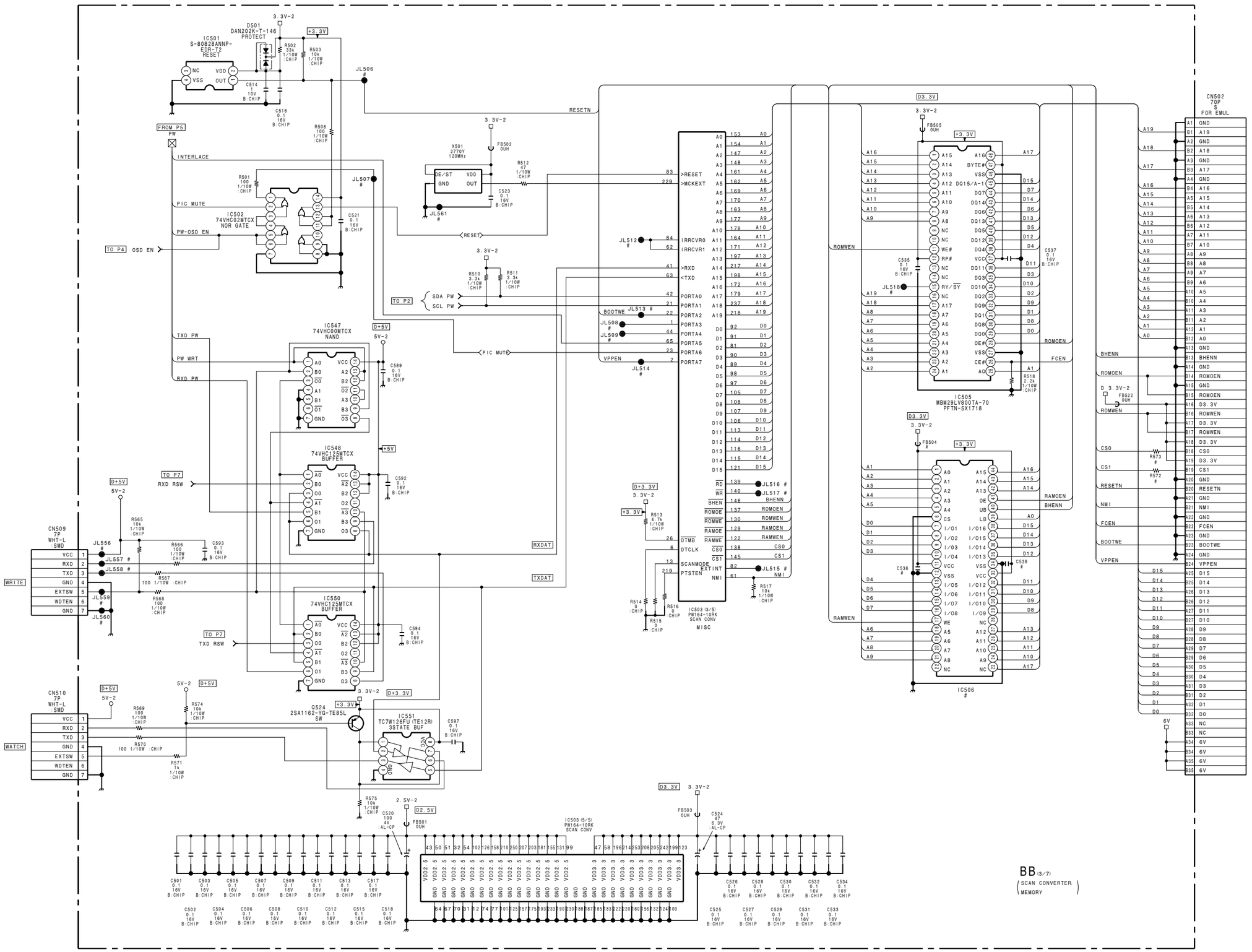


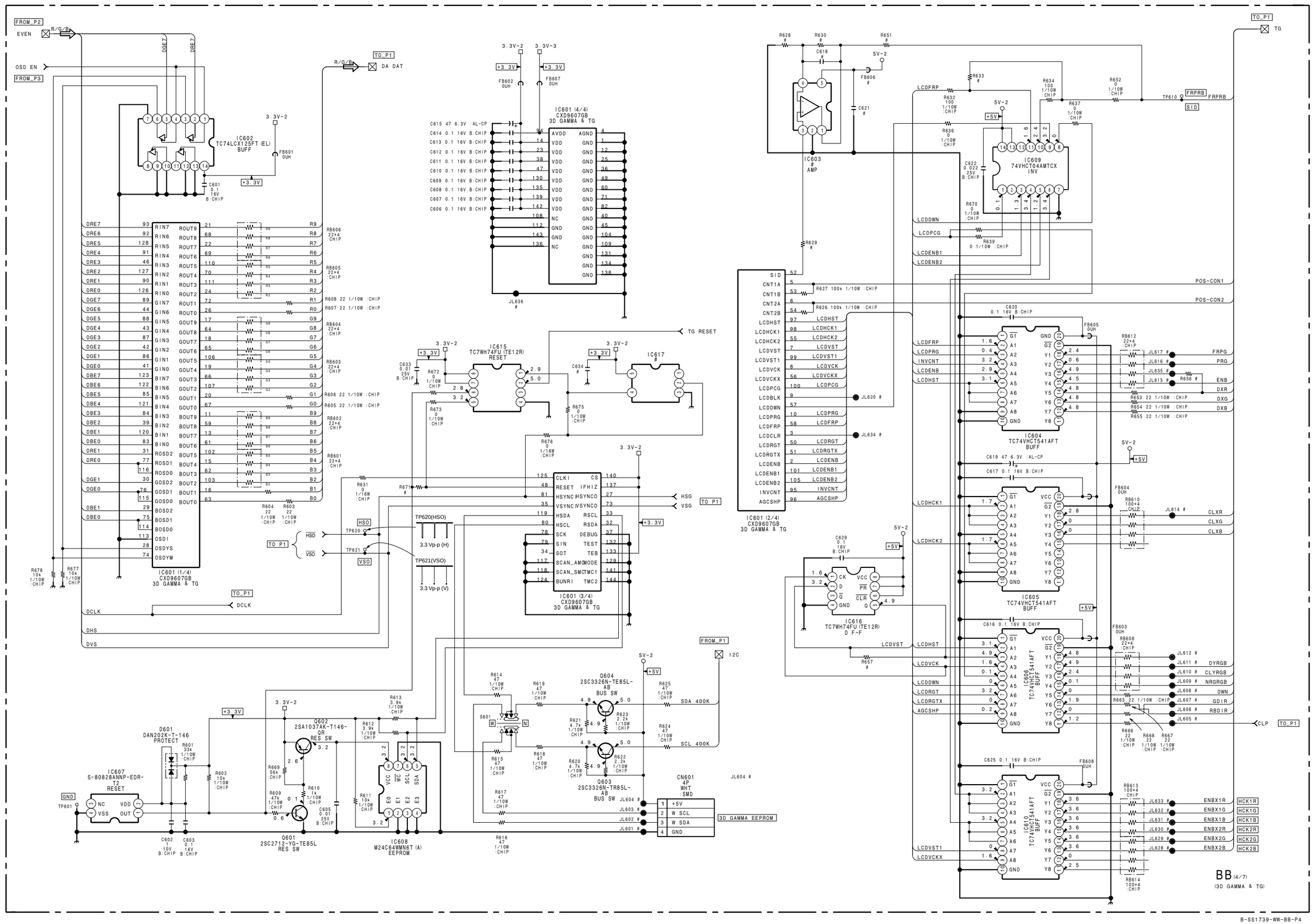
BB -B SIDE-

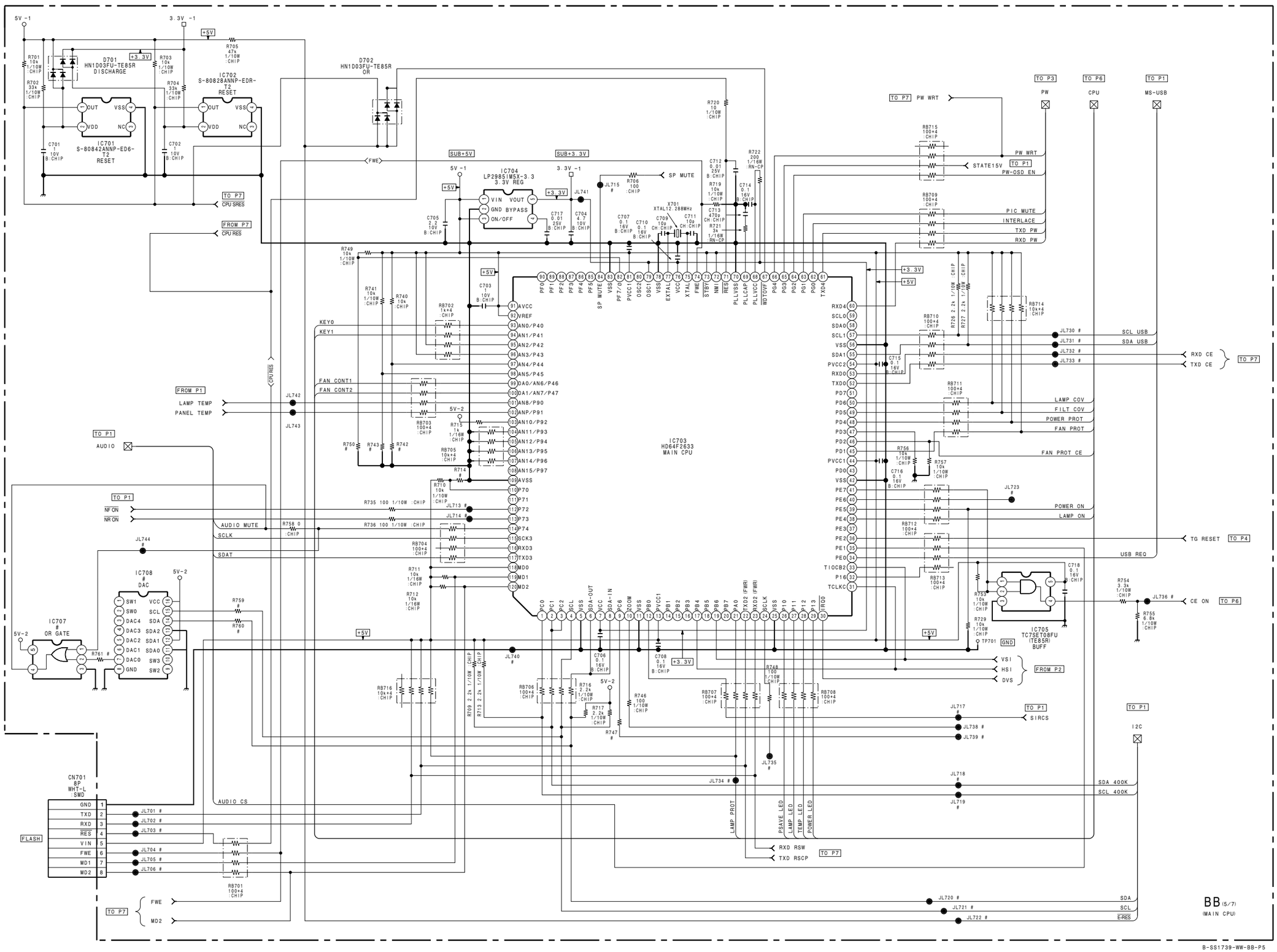
SUFFIX: -11

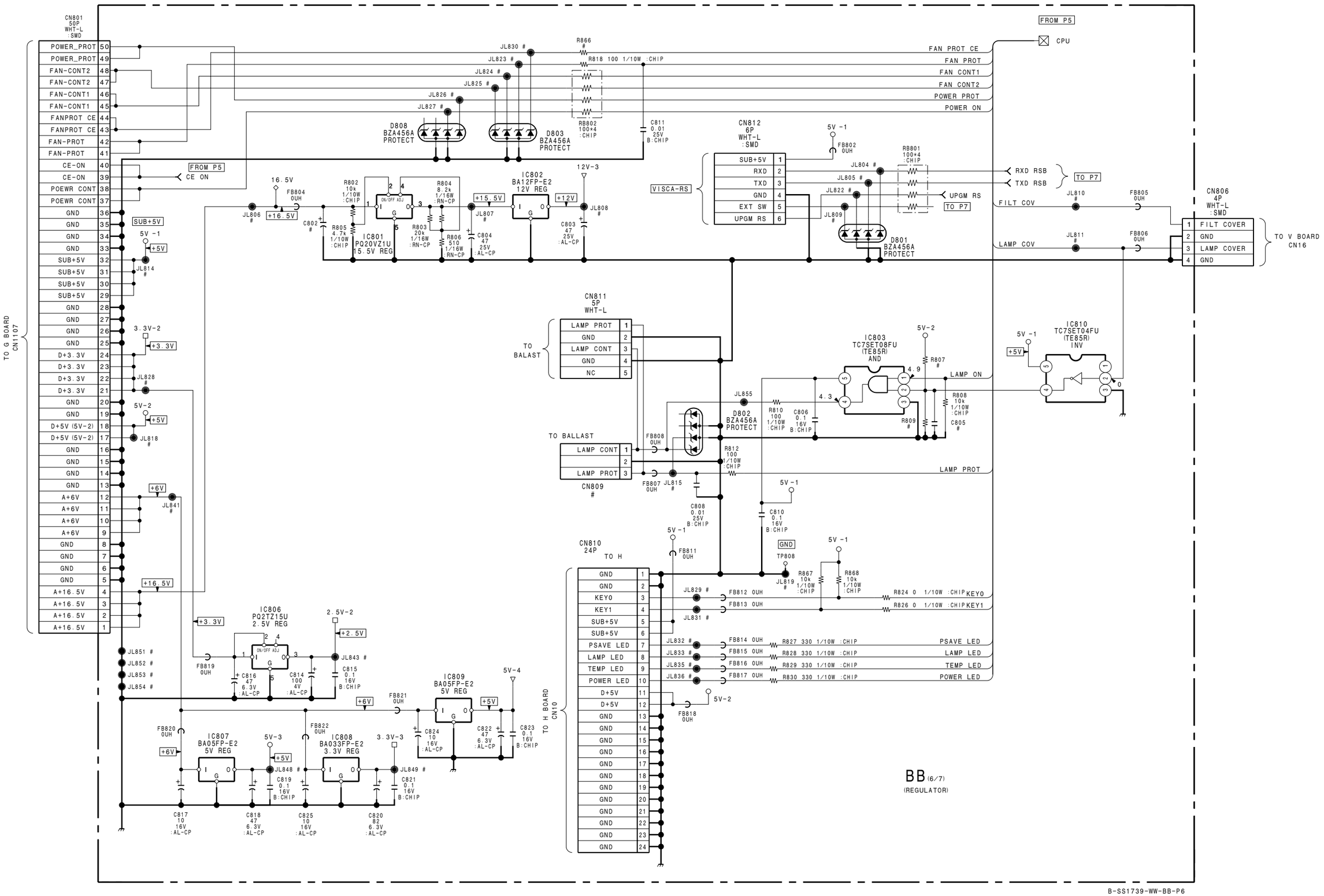

CN308 70P WHT L
TO QB BOARD CN431
CN303 70P WHT S
CN304 70P WHT L
CN305 70P WHT L
TO C BOARD CN1201
TO C BOARD CN1202
TO BA BOARD CN101
TO OA BOARD CN20
CN307 50P L
IC309 TA78M09F (TE16L) 9V REG
IC310 24LC21AT/SN DDC
IC301 24LC21AT/SN DDC
IC302 M52758FP VIDEO SW
IC303 M52347FP-TE SYNC SEP
IC304 (1/3) TC7WH04FU (TE12R) INV.
IC304 (2/3) TC7WH04FU (TE12R) INV.
IC304 (3/3) TC7WH04FU (TE12R) INV.
IC305 74VHC240MTCX INV.SW
IC306 TC7WH123FU (TE12R) MONO MULTI
IC307 CXA1875AM-T4 DAC
IC308 74VHC02MTCX NOR GATE
Q301 2SA1611-T1-M5M6 POW SW
Q302 HN1B01FU-TE85R LIMITER
Q303 HN1B01FU-TE85R LIMITER
Q304 2SA1611-T1-M5M6 POW SW
D306 1SS355TE-17
D307 1SS355TE-17
TP301(R)
TP302(G)
TP303(B)
620 mVp-p (H)
TH301
BB (1/7) (VIDEO SW. SYNC SEP)
B-SS1739-WW-BB-P1

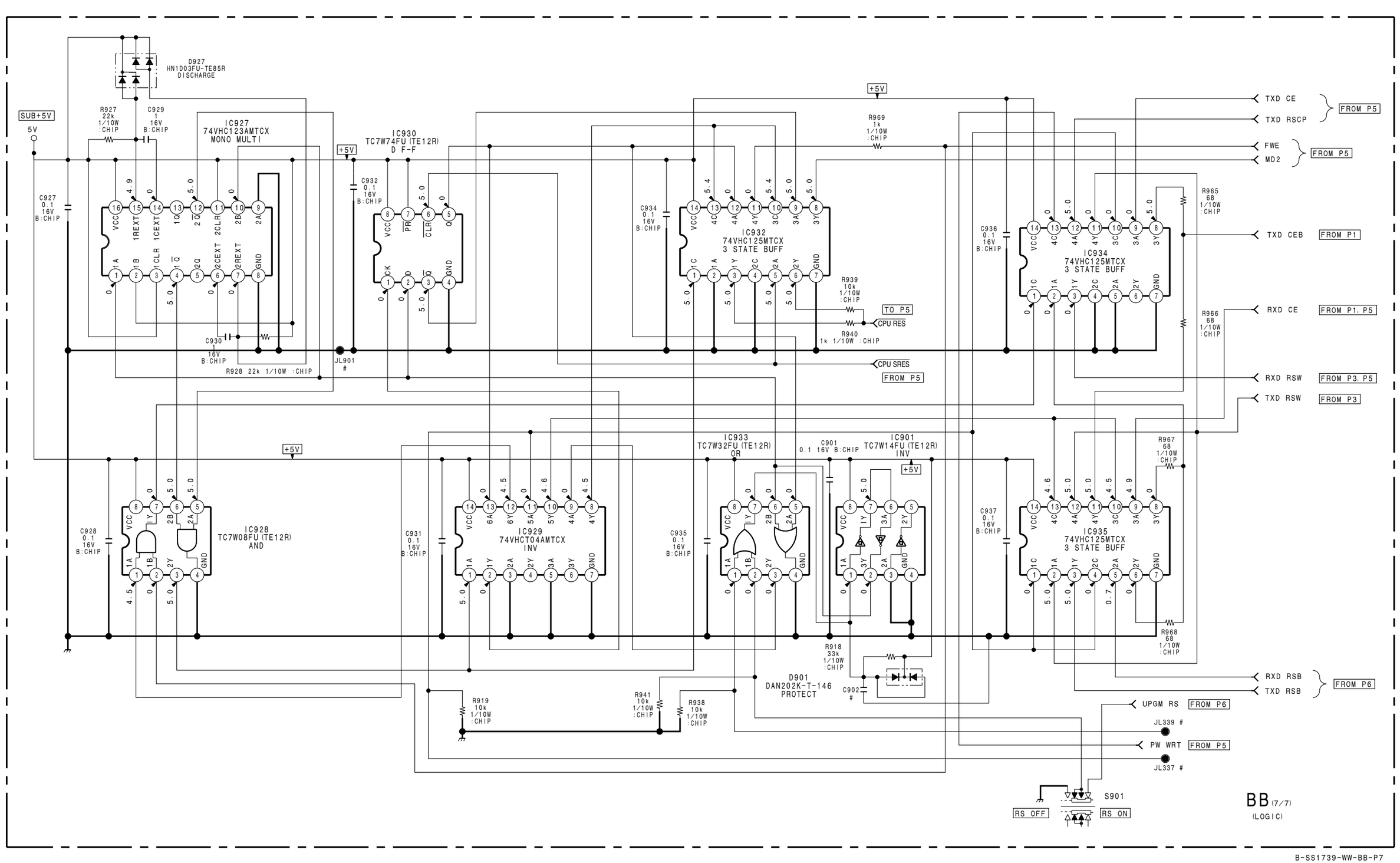

IC402
AD9884AKS-140
A/D CONVERTER
IC401
LP2985IMSX-3.3
3.3V REG
IC405
MK1714-01RT
SPECTRUM SPEED
IC503 (1/5)
PW164-10RK
SCAN CONV
IC503 (2/5)
PW164-10RK
SCAN CONV
IC503 (4/5)
PW164-10RK
SCAN CONV
GRAPHIC PORT
GENERAL I/O PORT B
Q401
HN1C01FU-TE85R
CLAMP
FROM P1
FROM P3
TO P5
TO P4
EVEN
TP401(HS)
TP402(VS)
3.3 Vp-p (H)
3.3 Vp-p (V)
BB (2/7)
A/D CONVERTER
SCAN CONVERTER
B-SS1739-WW-BB-P2


IC501 S-80828ANNP-EDR-T2 RESET
D501 DAN202K-T-146 PROTECT
IC502 74VHC02MTCX NOR GATE
IC547 74VHC00MTCX NAND
IC548 74VHC125MTCX BUFFER
IC550 74VHC125MTCX BUFFER
IC551 TC7W126FU (TE12R) 3STATE BUF
Q524 2SA1162-YG-TE85L SW
X501 2770Y 120MHz
IC505 MBM29LV800TA-70 PFTN-SX1718
IC506
IC503 (5/5) PW164-10RK SCAN CONV
IC503 (3/5) PW164-10RK SCAN CONV MISC
CN502 70P S FOR EMUL
CN509 7P WHT-L SMD
CN510 7P WHT-L SMD
FROM P5
TO P4 OSD EN
TO P2
TO P7 RXD RSW
TO P7 TXD RSW
INTERLACE
PIC MUTE
PW-OSD EN
TXD PW
PW WRT
RXD PW
SDA PW
SCL PW
RESETN
RESET
PIC MUT
ROMWEN
RAMWEN
ROMOEN
RAMOEN
FCEN
BHENN
BOOTWE
VPPEN
RXDAT
TXDAT
WRITE
WATCH
BB (3/7) (SCAN CONVERTER. MEMORY)
B-SS1739-WW-BB-P3


FROM_P2
EVEN
R/G/B
OSD EN
FROM_P3
IC602
TC74LCX125FT (EL)
BUFF
FB601
0UH
C601
0.1
16V
B:CHIP
IC601 (1/4)
CXD9607GB
3D GAMMA & TG
R608 22 1/10W :CHIP
R607 22 1/10W :CHIP
R606 22 1/10W :CHIP
R605 22 1/10W :CHIP
RB606
RB605
RB604
RB603
RB602
RB601
R604
R603
TO_P1
DA DAT
HSO
VSO
DCLK
DHS
DVS
TP620(HSO)
TP621(VSO)
3.3 Vp-p (H)
3.3 Vp-p (V)
IC601 (4/4)
CXD9607GB
3D GAMMA & TG
JL636
IC601 (3/4)
CXD9607GB
3D GAMMA & TG
HSG
VSG
IC615
TC7WH74FU (TE12R)
RESET
IC617
TG RESET
R675
R676
R671
R631
IC607
S-80828ANNP-EDR-
T2
RESET
TP601
D601
DAN202K-T-146
PROTECT
Q602
2SA1037AK-T146-
QR
RES SW
Q601
2SC2712-YG-TE85L
RES SW
IC608
M24C64WMN6T (A)
EEPROM
Q604
2SC3326N-TE85L-
AB
BUS SW
Q603
2SC3326N-TR85L-
AB
BUS SW
SDA 400K
SCL 400K
S601
CN601
4P
WHT
:SMD
3D GAMMA EEPROM
FROM_P1
I2C
IC603
AMP
IC601 (2/4)
CXD9607GB
3D GAMMA & TG
IC609
74VHCT04AMTCX
INV
IC604
TC74VHCT541AFT
BUFF
IC605
TC74VHCT541AFT
BUFF
IC606
TC74VHCT541AFT
BUFF
IC610
TC74VHCT541AFT
BUFF
IC616
TC7WH74FU (TE12R)
D F-F
TO_P1
TG
FRPRB
SID
POS-CON1
POS-CON2
FRPG
PRG
ENB
DXR
DXG
DXB
CLXR
CLXG
CLXB
DYRGB
CLYRGB
NRGRGB
DWN
GDIR
RBDIR
CLP
ENBX1R
ENBX1G
ENBX1B
ENBX2R
ENBX2G
ENBX2B
HCK1R
HCK1G
HCK1B
HCK2R
HCK2G
HCK2B
BB (4/7)
(3D GAMMA & TG)
B-SS1739-WW-BB-P4

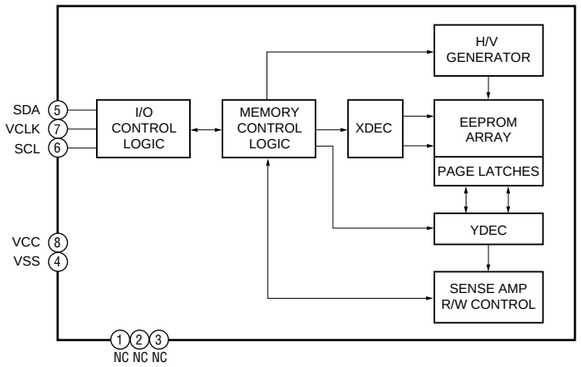

IC703
HD64F2633
MAIN CPU
IC701
S-80842ANNP-ED6-T2
RESET
IC702
S-80828ANNP-EDR-T2
RESET
D701
HN1D03FU-TE85R
DISCHARGE
D702
HN1D03FU-TE85R
OR
IC704
LP2985IM5X-3.3
3.3V REG
X701
XTAL12.288MHz
IC705
TC75ET08FU
(TE85R)
BUFF
IC706
TC75ET08FU
(TE85R)
BUFF
IC707
OR GATE
IC708
DAC
CN701
8P
WHT-L
SMD
FLASH
TO P1
TO P3
TO P4
TO P6
TO P7
FROM P1
FROM P2
FROM P7
PW
CPU
MS-USB
I2C
AUDIO
PW WRT
STATE15V
PW-OSD EN
PIC MUTE
INTERLACE
TXD PW
RXD PW
SCL USB
SDA USB
RXD CE
TXD CE
LAMP COV
FILT COV
POWER PROT
FAN PROT
FAN PROT CE
POWER ON
LAMP ON
TG RESET
USB REQ
CE ON
VSI
HSI
DVS
SIRCS
SDA 400K
SCL 400K
SDA
SCL
E-RES
SP MUTE
LAMP TEMP
PANEL TEMP
KEY0
KEY1
FAN CONT1
FAN CONT2
AUDIO MUTE
SCLK
SDAT
AUDIO CS
FWE
MD2
CPU SRES
CPU RES
NFON
NRON
LAMP PROT
PSAVE LED
LAMP LED
TEMP LED
POWER LED
RXD RSW
TXD RSCP
BB (5/7)
(MAIN CPU)
B-SS1739-WW-BB-P5


CN801 50P WHT-L :SMD
POWER_PROT 50
POWER_PROT 49
FAN-CONT2 48
FAN-CONT2 47
FAN-CONT1 46
FAN-CONT1 45
FANPROT CE 44
FANPROT CE 43
FAN-PROT 42
FAN-PROT 41
CE-ON 40
CE-ON 39
POEWR CONT 38
POEWR CONT 37
GND 36
GND 35
GND 34
GND 33
SUB+5V 32
SUB+5V 31
SUB+5V 30
SUB+5V 29
GND 28
GND 27
GND 26
GND 25
D+3.3V 24
D+3.3V 23
D+3.3V 22
D+3.3V 21
GND 20
GND 19
D+5V (5V-2) 18
D+5V (5V-2) 17
GND 16
GND 15
GND 14
GND 13
A+6V 12
A+6V 11
A+6V 10
A+6V 9
GND 8
GND 7
GND 6
GND 5
A+16.5V 4
A+16.5V 3
A+16.5V 2
A+16.5V 1
TO G BOARD CN1107
FROM P5
CE ON
SUB+5V
5V -1
+5V
JL814 #
3.3V-2
+3.3V
JL828 #
5V-2
+5V
JL818 #
+6V
JL841 #
+16.5V
JL851 #
JL852 #
JL853 #
JL854 #
JL830 #
JL823 #
JL824 #
JL825 #
JL826 #
JL827 #
R866 #
R818 100 1/10W :CHIP
RB802 100×4 :CHIP
D808 BZA456A PROTECT
D803 BZA456A PROTECT
C811 0.01 25V B:CHIP
FAN PROT CE
FAN PROT
FAN CONT1
FAN CONT2
POWER PROT
POWER ON
FROM P5
CPU
CN812 6P WHT-L :SMD
SUB+5V 1
RXD 2
TXD 3
GND 4
EXT SW 5
UPGM RS 6
VISCA-RS
5V -1
FB802 0UH
RB801 100×4 :CHIP
JL804 #
JL805 #
JL822 #
JL809 #
D801 BZA456A PROTECT
RXD RSB
TXD RSB
TO P7
UPGM RS
TO P7
FILT COV
LAMP COV
JL810 #
JL811 #
FB805 0UH
FB806 0UH
CN806 4P WHT-L :SMD
1 FILT COVER
2 GND
3 LAMP COVER
4 GND
TO V BOARD CN16
16.5V
FB804 0UH
+16.5V
JL806 #
C802 #
R802 10k 1/10W :CHIP
R805 4.7k 1/10W :CHIP
IC801 PQ20VZ1U 15.5V REG
ON/OFF ADJ
R804 8.2k 1/16W :RN-CP
R803 20k 1/16W :RN-CP
R806 510 1/16W :RN-CP
C804 47 25V :AL-CP
+15.5V
JL807 #
IC802 BA12FP-E2 12V REG
+12V
12V-3
C803 47 25V :AL-CP
JL808 #
CN811 5P WHT-L
TO BALLAST
LAMP PROT 1
GND 2
LAMP CONT 3
GND 4
NC 5
TO BALLAST
LAMP CONT 1
2
LAMP PROT 3
CN809 #
FB808 0UH
FB807 0UH
JL815 #
JL855
D802 BZA456A PROTECT
R810 100 1/10W :CHIP
C806 0.1 16V B:CHIP
R812 100 1/10W :CHIP
C808 0.01 25V B:CHIP
IC803 TC7SET08FU (TE85R) AND
5V-2
R807 #
4.9
4.3
LAMP ON
R808 10k 1/10W :CHIP
R809 #
C805 #
IC810 TC7SET04FU (TE85R) INV
5V -1
+5V
LAMP PROT
5V -1
C810 0.1 16V B:CHIP
GND
TP808
JL819 #
5V -1
R867 10k 1/10W :CHIP
R868 10k 1/10W :CHIP
CN810 24P TO H
GND 1
GND 2
KEY0 3
KEY1 4
SUB+5V 5
SUB+5V 6
PSAVE LED 7
LAMP LED 8
TEMP LED 9
POWER LED 10
D+5V 11
D+5V 12
GND 13
GND 14
GND 15
GND 16
GND 17
GND 18
GND 19
GND 20
GND 21
GND 22
GND 23
GND 24
TO H BOARD CN10
FB811 0UH
JL829 #
JL831 #
FB812 0UH
FB813 0UH
R824 0 1/10W :CHIP KEY0
R826 0 1/10W :CHIP KEY1
JL832 #
JL833 #
JL835 #
JL836 #
FB814 0UH
FB815 0UH
FB816 0UH
FB817 0UH
R827 330 1/10W :CHIP
R828 330 1/10W :CHIP
R829 330 1/10W :CHIP
R830 330 1/10W :CHIP
PSAVE LED
LAMP LED
TEMP LED
POWER LED
5V-2
FB818 0UH
IC806 PQ2TZ15U 2.5V REG
2.5V-2
+2.5V
JL843 #
FB819 0UH
C816 47 6.3V :AL-CP
C814 100 4V :AL-CP
C815 0.1 16V B:CHIP
JL851 #
JL852 #
JL853 #
JL854 #
IC809 BA05FP-E2 5V REG
5V-4
FB821 0UH
C824 10 16V :AL-CP
C822 47 6.3V :AL-CP
C823 0.1 16V B:CHIP
FB820 0UH
IC807 BA05FP-E2 5V REG
5V-3
FB822 0UH
IC808 BA033FP-E2 3.3V REG
3.3V-3
JL848 #
JL849 #
C819 0.1 16V B:CHIP
C821 0.1 16V B:CHIP
C817 10 16V :AL-CP
C818 47 6.3V :AL-CP
C825 10 16V :AL-CP
C820 82 6.3V :AL-CP
BB (6/7)
(REGULATOR)
B-SS1739-WW-BB-P6

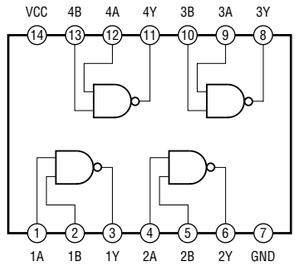


B-SS1739-WW-BB-P7

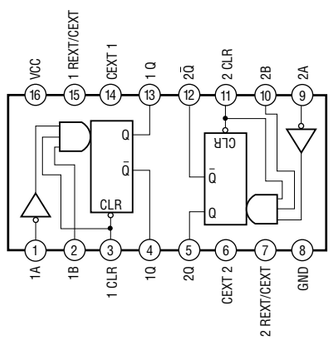
BB (1/7) 24LC21AT/SN (IC301, IC310)



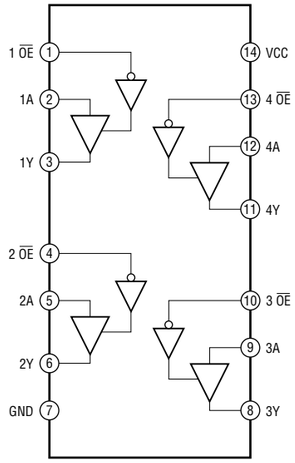
BB (3/7) 74VHC00MTCX (IC547)



BB (7/7) 74VHC123AMTCX (IC927)

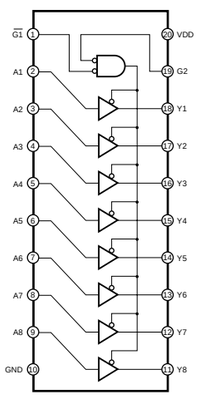


BB (3/7), (7/7) 74VHC125MTCX (IC548, IC550, IC932, IC934, IC935)

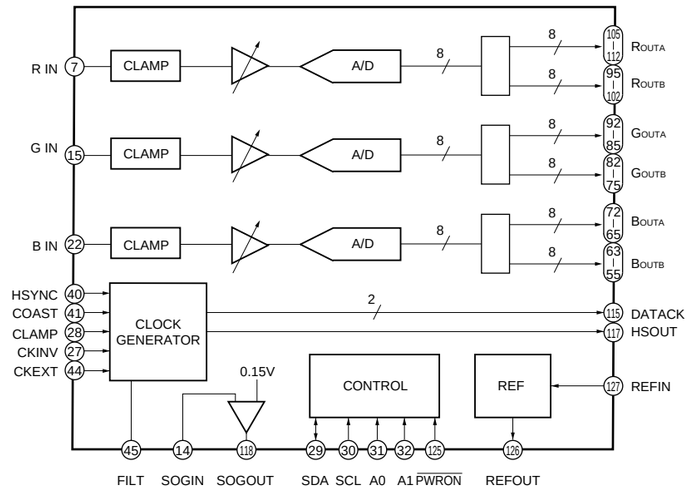


BB (4/7), (7/7) 74VHCT04AMTCX (IC609, IC929)

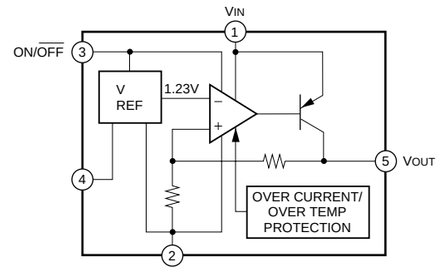
BB (4/7) TC74VHCT541AFT (IC604, IC605, IC606, IC610)



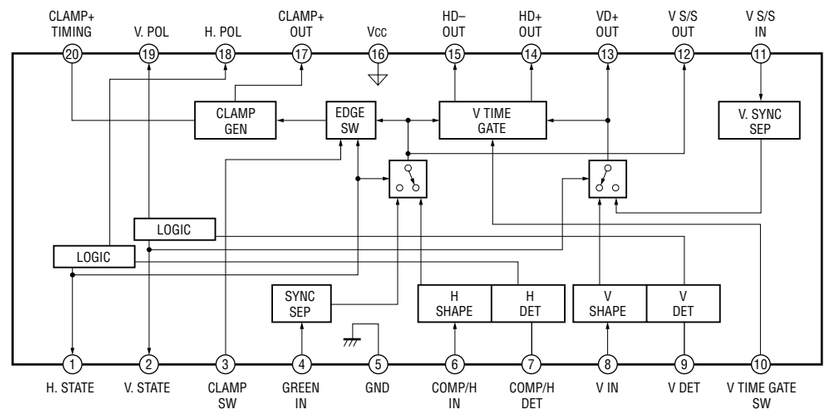
BB (2/7) AD9884AKS-140 (IC402)



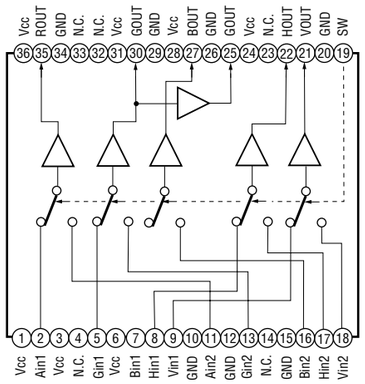
BB (2/7), (5/7) LP2985IM5X-3.3 (IC401, IC704)



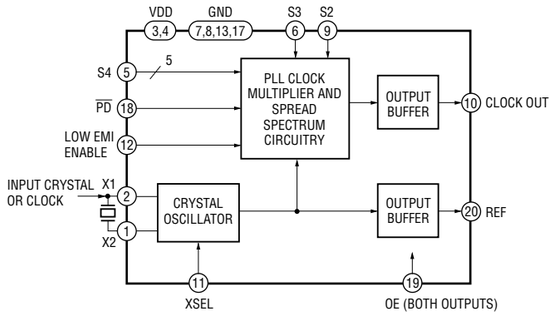
BB (1/7) M52347FP-TE (IC303)



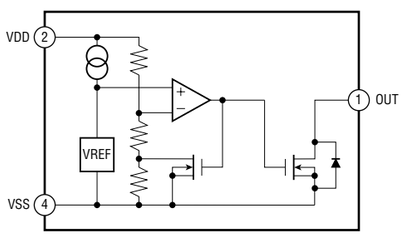
BB (1/7) M52758FP (IC302)


Vcc ROUT GND N.C. N.C. Vcc GOUT GND Vcc BOUT GND GOUT Vcc N.C. HOUT VOUT GND SW
36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
Vcc Ain1 Vcc N.C. Gin1 Vcc Bin1 Hin1 Vin1 GND Ain2 GND Gin2 N.C. GND Bin2 Hin2 Vin2

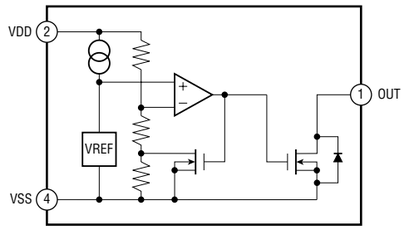
BB (2/7) MK1714-01RT (IC405)



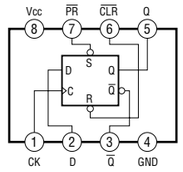
BB (3/7), (4/7), (5/7) S-80828ANNP (IC501, IC607, IC702)



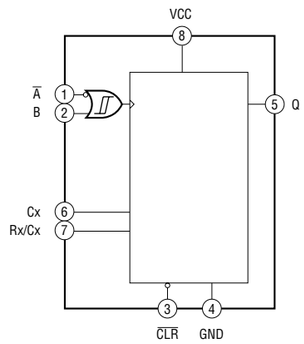
BB (5/7) S-80842ANNP (IC701)



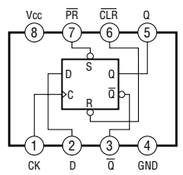
BB (7/7) TC7W74FU(TE12R) (IC930)



BB (1/7) TC7WH123FU (IC306)

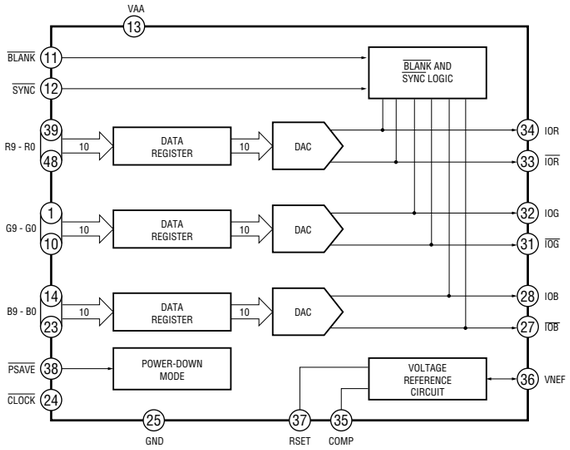


BB (4/7) TC7WH74FU-TE12R (IC615, IC616)

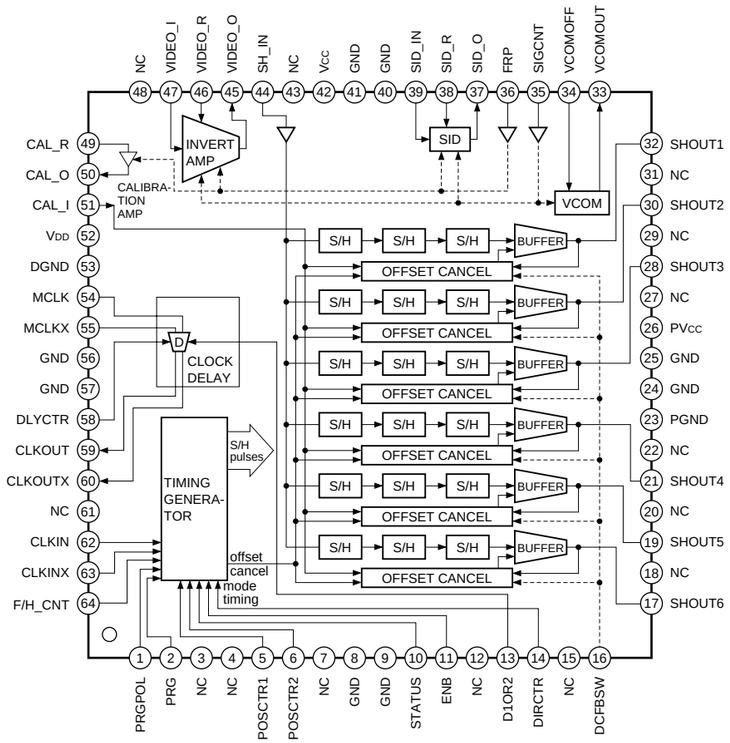


C C

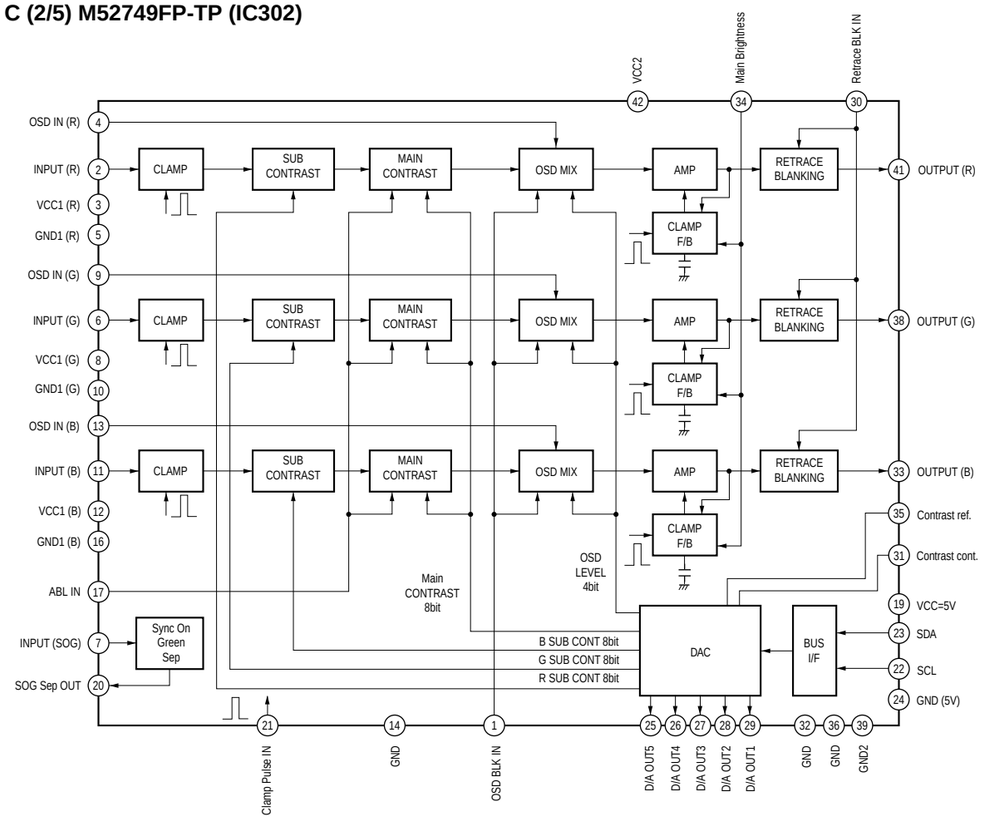
C (2/5) ADV7123KST140 (IC301)



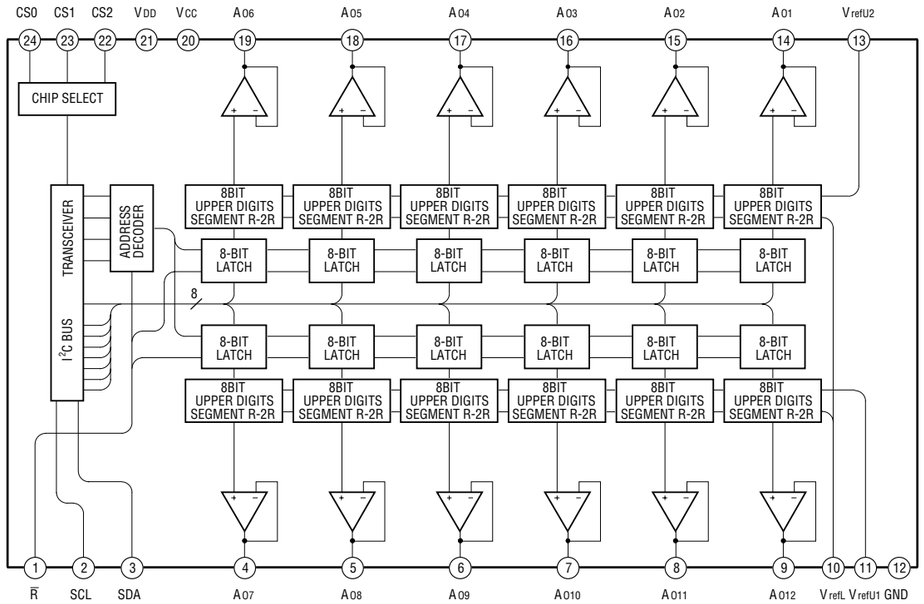
C (3/5), (4/5), (5/5) CXA3512R-T6 (IC501, IC502, IC601, IC602, IC701, IC702)



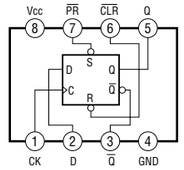
C (2/5) M52749FP-TP (IC302)



C (2/5) M62392FP (IC304, IC305)



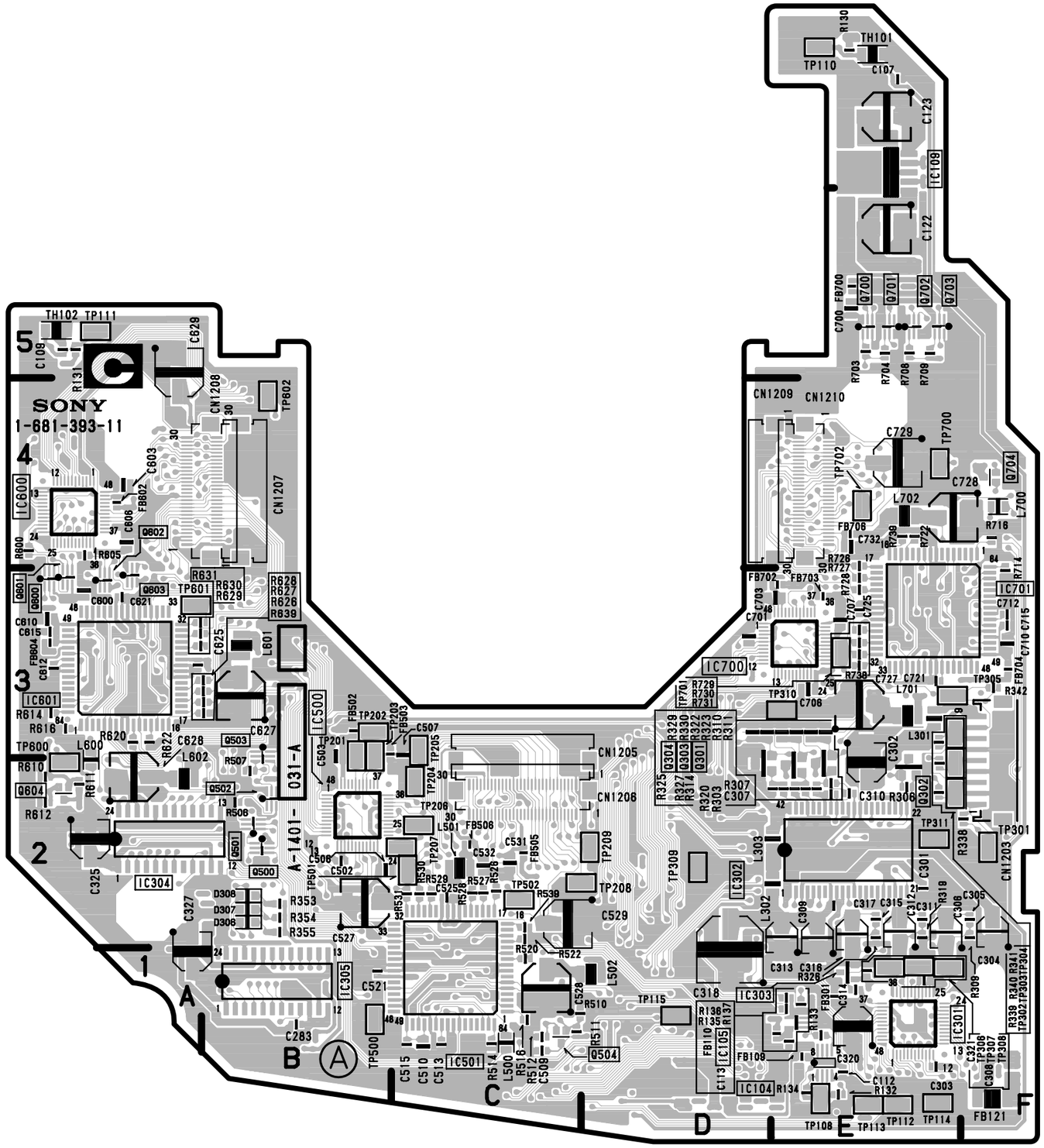
C (1/5) TC7WH74FU(TE12R) (IC104)



C BOARD

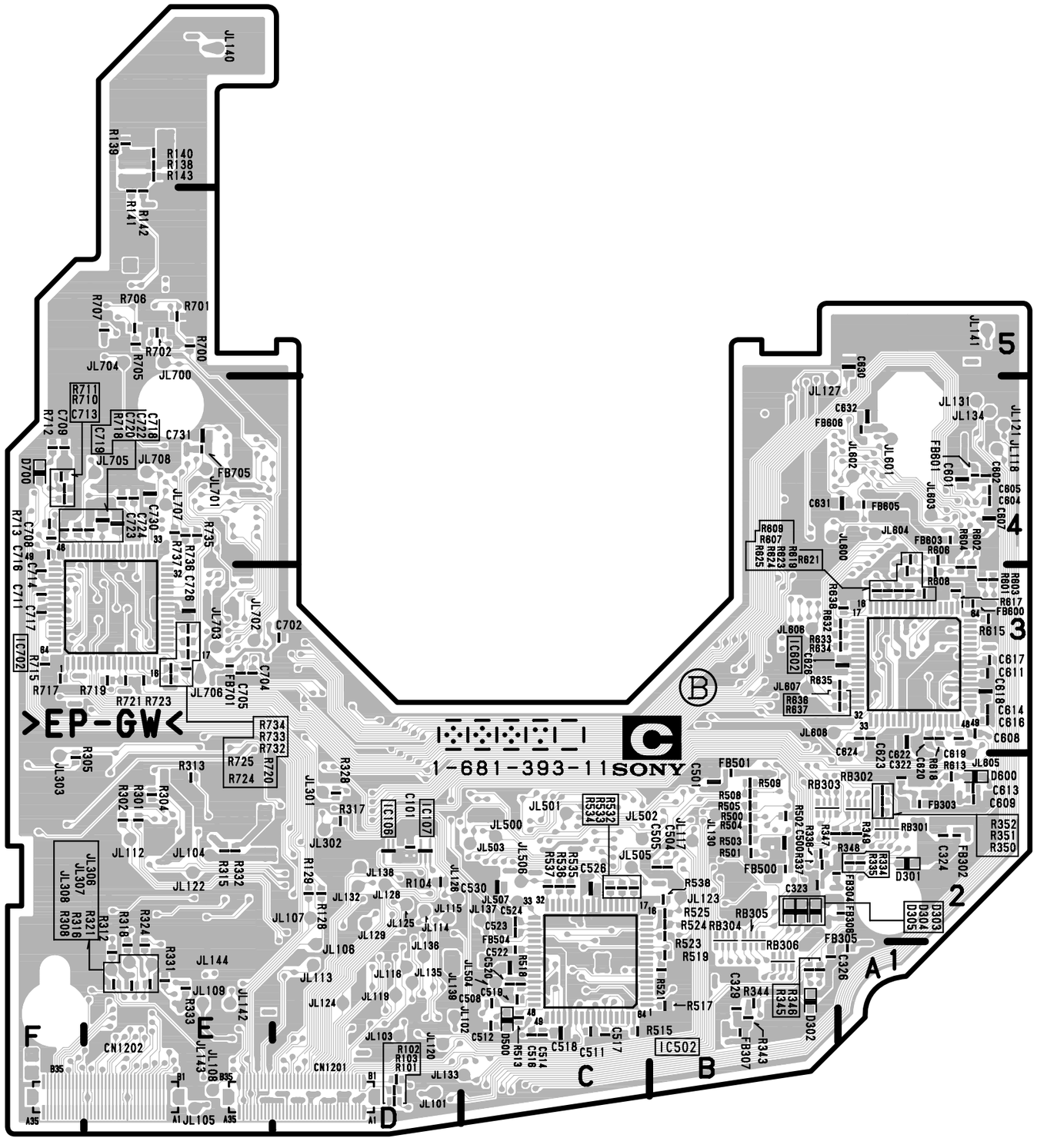
* : B SIDE

D301	*A-2
D302	*B-1
D303	*B-2
D304	*B-2
D305	*B-2
D306	B-2
D307	B-2
D308	B-2
D500	*C-1
D600	*A-2
D700	*F-4
IC104	E-1
IC105	E-1
IC106	*D-2
IC107	*D-2
IC109	E-6
IC301	E-1
IC302	E-2
IC303	E-1
IC304	A-2
IC305	B-1
IC500	B-3
IC501	C-1
IC502	*C-1
IC600	A-4
IC601	A-3
IC602	*A-3
IC700	F-3
IC701	F-3
IC702	*E-3
Q301	E-2
Q302	E-2
Q303	E-2
Q304	E-2
Q500	B-2
Q501	B-2
Q502	B-2
Q503	B-3
Q504	C-1
Q600	A-3
Q601	A-3
Q602	A-4
Q603	A-4
Q604	A-2
Q700	E-5
Q701	E-5
Q702	E-5
Q703	E-5
Q704	F-4
TP108	E-1
TP110	E-6
TP111	A-5
TP112	E-1
TP113	E-1
TP114	E-1
TP115	D-1
TP201	B-3
TP202	B-3
TP203	B-3
TP204	C-2
TP205	C-3
TP206	C-2
TP207	C-2
TP208	D-2
TP209	D-2
TP301	F-2
TP302	E-3
TP303	E-2
TP304	E-2
TP305	F-3
TP306	E-1
TP307	E-1
TP308	E-1
TP309	D-2
TP310	E-3
TP311	E-2
TP500	B-1
TP501	B-2
TP502	C-2
TP600	A-3
TP601	A-3
TP602	B-4
TP700	E-4
TP701	F-3
TP702	E-4



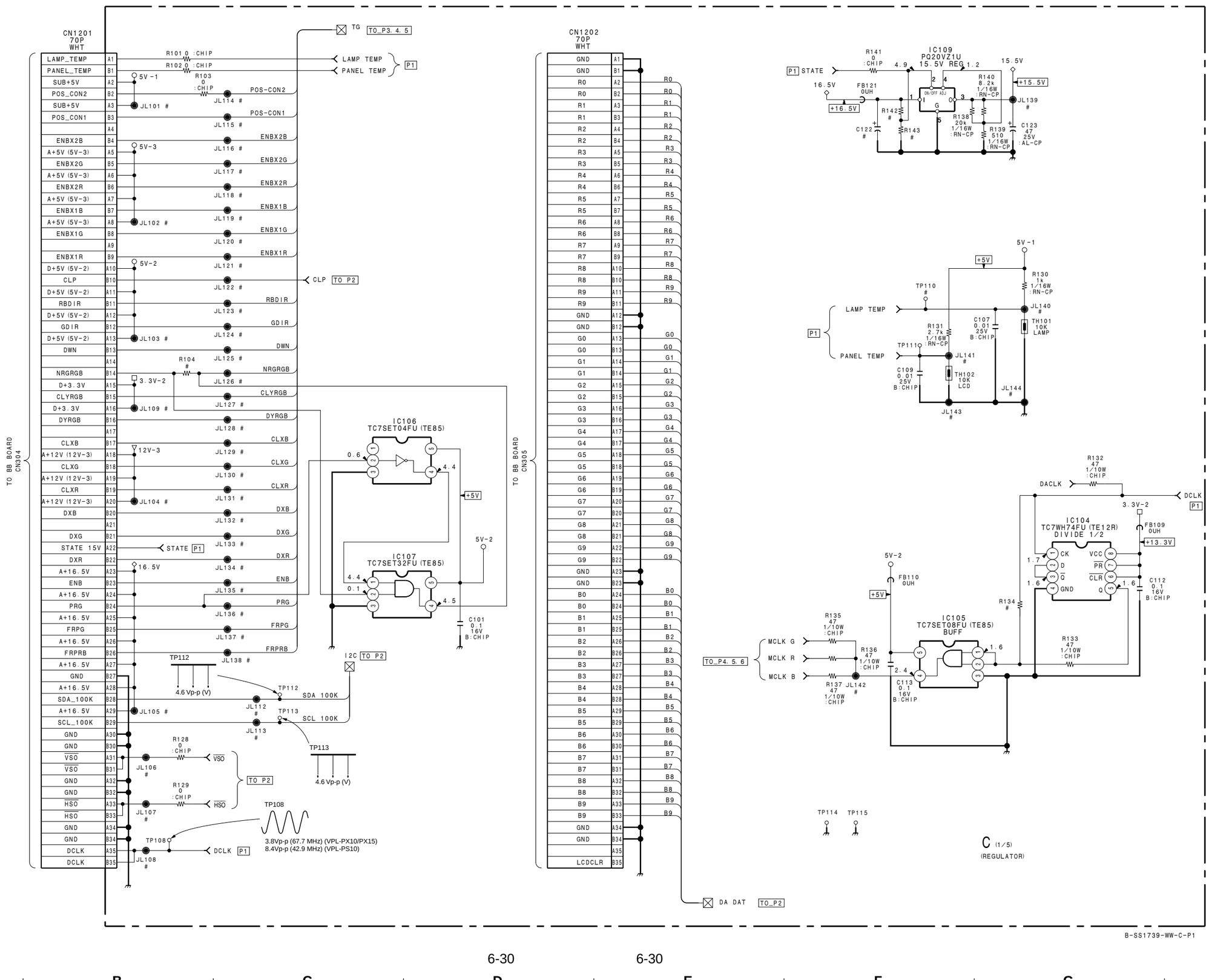
C -A SIDE-

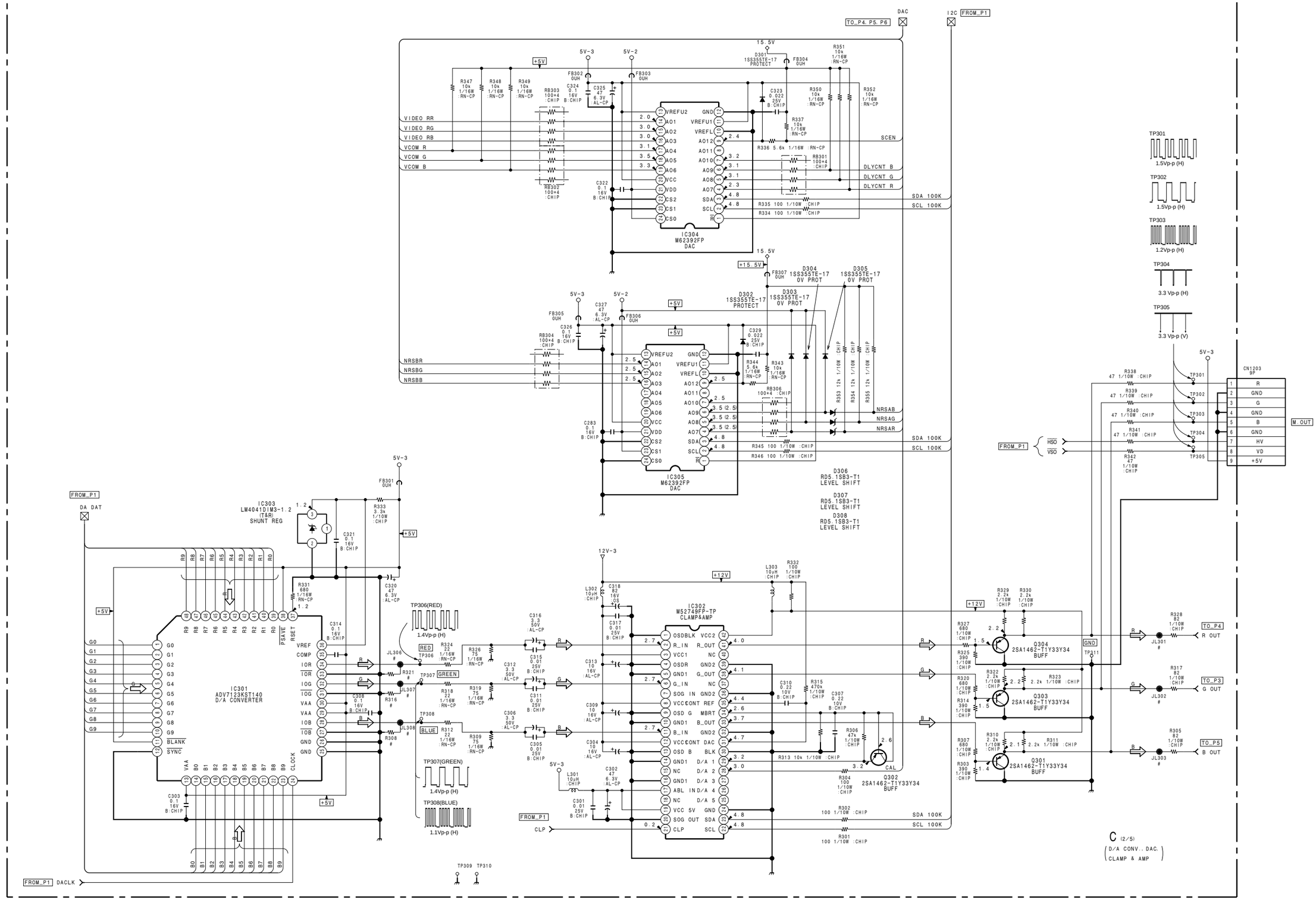
SUFFIX: -11

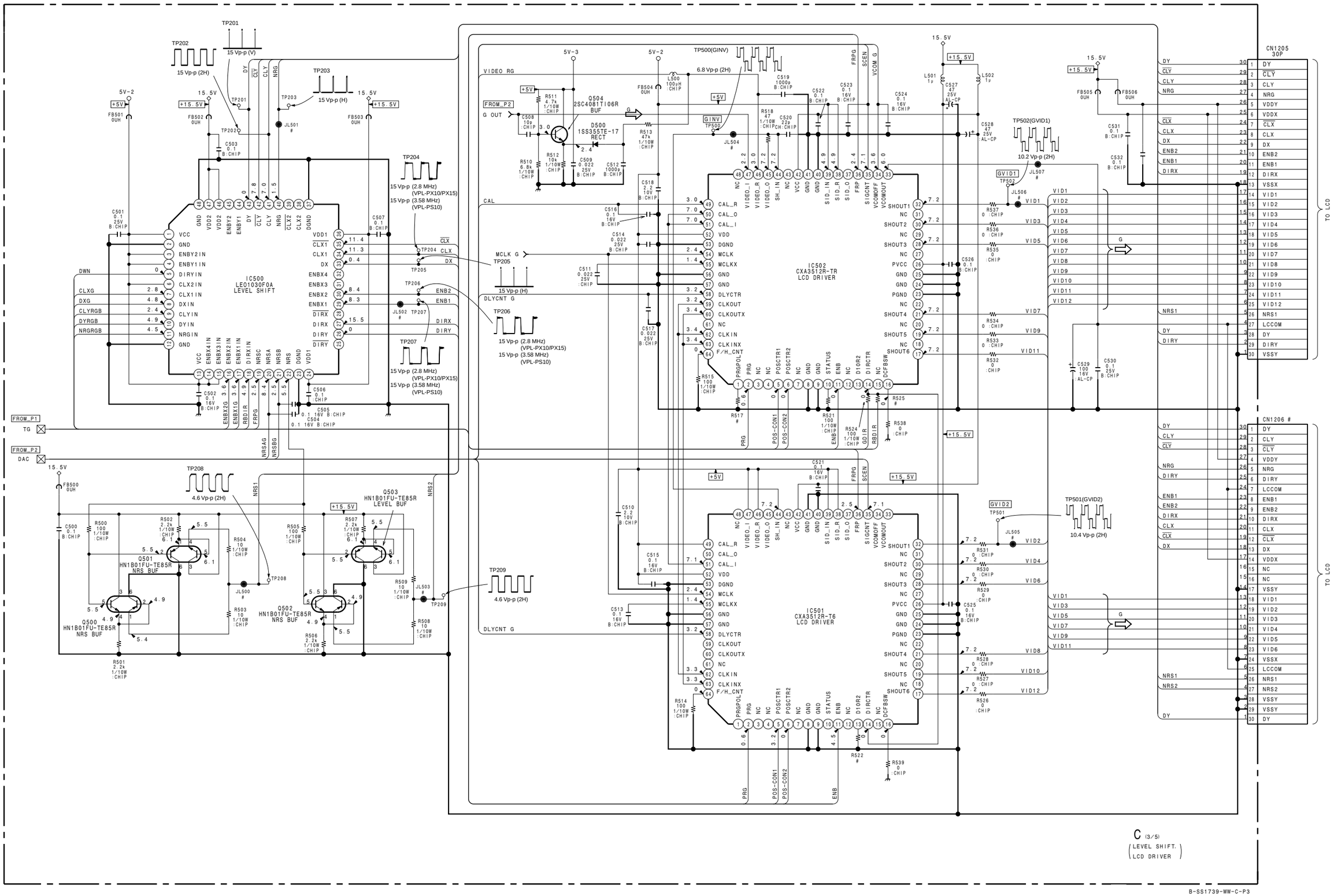


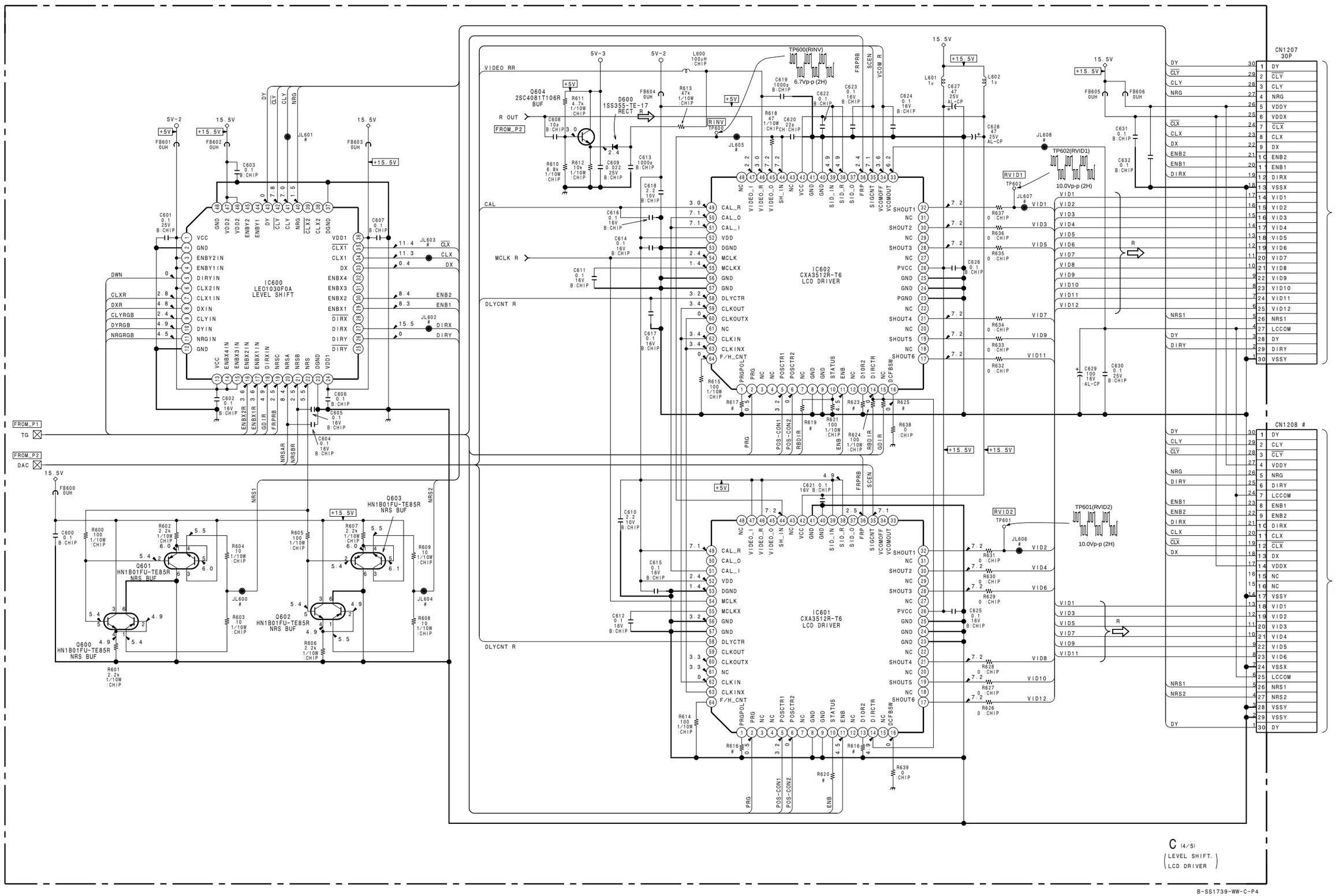
C -B SIDE-

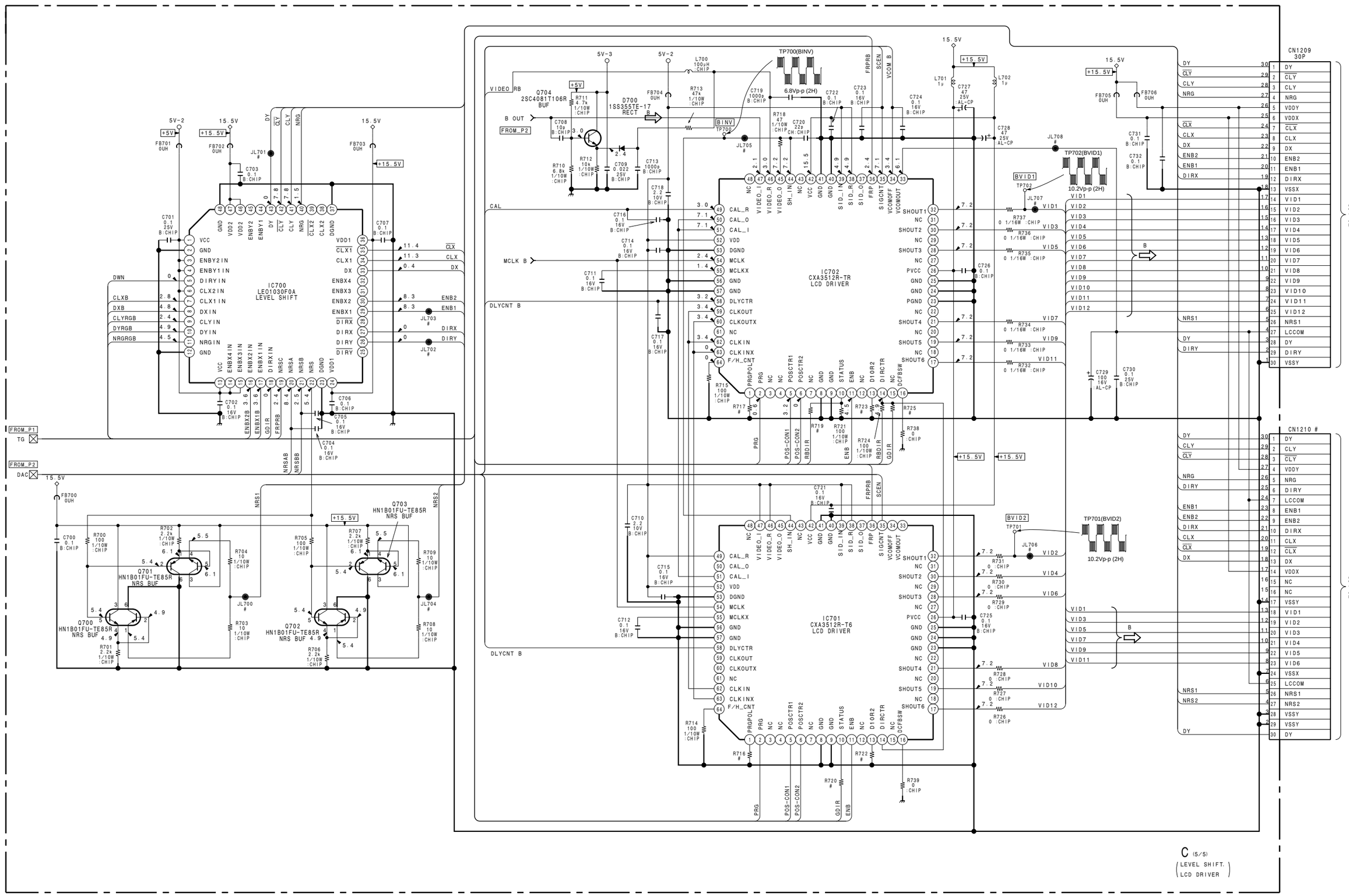
SUFFIX: -11


CN1201
70P
WHT
LAMP_TEMP A1
PANEL_TEMP B1
SUB+5V A2
POS_CON2 B2
SUB+5V A3
POS_CON1 B3
ENBX2B B4
A+5V (5V-3) A5
ENBX2G B5
A+5V (5V-3) A6
ENBX2R B6
A+5V (5V-3) A7
ENBX1B B7
A+5V (5V-3) A8
ENBX1G B8
ENBX1R B9
D+5V (5V-2) A10
CLP B10
D+5V (5V-2) A11
RBDIR B11
D+5V (5V-2) A12
GDIR B12
D+5V (5V-2) A13
DWN B13
NRGRGB B14
D+3.3V A15
CLYRGB B15
D+3.3V A16
DYRGB B16
CLXB B17
A+12V (12V-3) A18
CLXG B18
A+12V (12V-3) A19
CLXR B19
A+12V (12V-3) A20
DXB B20
DXG B21
STATE 15V A22
DXR B22
A+16.5V A23
ENB B23
A+16.5V A24
PRG B24
A+16.5V A25
FRPG B25
A+16.5V A26
FRPRB B26
A+16.5V A27
GND B27
A+16.5V A28
SDA_100K B28
A+16.5V A29
SCL_100K B29
GND A30
GND B30
VSO A31
VSO B31
GND A32
GND B32
HSO A33
HSO B33
GND A34
GND B34
DCLK A35
DCLK B35
TO BB BOARD CN304
R101 0 :CHIP
R102 0 :CHIP
R103 0 :CHIP
R104 #
R128 0 :CHIP
R129 0 :CHIP
5V-1
5V-2
5V-3
3.3V-2
12V-3
16.5V
JL101 #
JL102 #
JL103 #
JL104 #
JL105 #
JL106 #
JL107 #
JL108 #
JL109 #
JL112 #
JL113 #
JL114 #
JL115 #
JL116 #
JL117 #
JL118 #
JL119 #
JL120 #
JL121 #
JL122 #
JL123 #
JL124 #
JL125 #
JL126 #
JL127 #
JL128 #
JL129 #
JL130 #
JL131 #
JL132 #
JL133 #
JL134 #
JL135 #
JL136 #
JL137 #
JL138 #
TG
TO_P3. 4. 5
LAMP TEMP
PANEL TEMP
P1
CLP
TO P2
STATE
P1
I2C
TO P2
SDA 100K
SCL 100K
VSO
HSO
TO P2
DCLK
P1
TP112
4.6 Vp-p (V)
TP113
4.6 Vp-p (V)
TP108
3.8Vp-p (67.7 MHz) (VPL-PX10/PX15)
8.4Vp-p (42.9 MHz) (VPL-PS10)
IC106
TC7SET04FU (TE85)
0.6
4.4
IC107
TC7SET32FU (TE85)
4.4
0.1
4.5
+5V
C101
0.1
16V
B:CHIP
CN1202
70P
WHT
GND A1
GND B1
R0 A2
R0 B2
R1 A3
R1 B3
R2 A4
R2 B4
R3 A5
R3 B5
R4 A6
R4 B6
R5 A7
R5 B7
R6 A8
R6 B8
R7 A9
R7 B9
R8 A10
R8 B10
R9 A11
R9 B11
GND A12
GND B12
G0 A13
G0 B13
G1 A14
G1 B14
G2 A15
G2 B15
G3 A16
G3 B16
G4 A17
G4 B17
G5 A18
G5 B18
G6 A19
G6 B19
G7 A20
G7 B20
G8 A21
G8 B21
G9 A22
G9 B22
GND A23
GND B23
B0 A24
B0 B24
B1 A25
B1 B25
B2 A26
B2 B26
B3 A27
B3 B27
B4 A28
B4 B28
B5 A29
B5 B29
B6 A30
B6 B30
B7 A31
B7 B31
B8 A32
B8 B32
B9 A33
B9 B33
GND A34
GND B34
LCDCLR B35
TO BB BOARD CN305
DA DAT
TO_P2
R141 0 :CHIP
IC109
PQ20VZ1U
15.5V REG
R140 8.2k 1/16W :RN-CP
R142 #
R143 #
R138 20k 1/16W :RN-CP
R139 510 1/16W :RN-CP
FB121 0UH
C122 #
C123 47 25V AL-CP
P1 STATE
16.5V
+16.5V
15.5V
+15.5V
JL139 #
ON/OFF ADJ
R130 1k 1/16W :RN-CP
JL140 #
TH101 10K LAMP
TP110 #
LAMP TEMP
PANEL TEMP
R131 2.7k 1/16W :RN-CP
C107 0.01 25V B:CHIP
TP111 0 :RN-CP
JL141 #
C109 0.01 25V B:CHIP
TH102 10K LCD
JL144 #
JL143 #
R132 47 1/10W :CHIP
DACLK
DCLK
IC104
TC7WH74FU (TE12R)
DIVIDE 1/2
FB109 0UH
+13.3V
C112 0.1 16V B:CHIP
FB110 0UH
R134 #
R135 47 1/10W :CHIP
R136 47 1/10W :CHIP
R137 JL142 47 1/10W :CHIP
R133 47 1/10W :CHIP
IC105
TC7SET08FU (TE85)
BUFF
C113 0.1 16V B:CHIP
MCLK G
MCLK R
MCLK B
TO_P4. 5. 6
TP114
TP115
C (1/5)
(REGULATOR)
B-SS1739-WW-C-P1

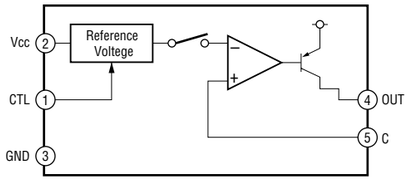

DAC
I2C
FROM_P1
TO_P4. P5. P6
IC304 M62392FP DAC
IC305 M62392FP DAC
IC303 LM4041DIM3-1.2 (T&R) SHUNT REG
IC301 ADV7123KST140 D/A CONVERTER
IC302 M52749FP-TP CLAMP&AMP
D301 1SS355TE-17 PROTECT
D302 1SS355TE-17 PROTECT
D303 1SS355TE-17 0V PROT
D304 1SS355TE-17 0V PROT
D305 1SS355TE-17 0V PROT
D306 RD5.1SB3-T1 LEVEL SHIFT
D307 RD5.1SB3-T1 LEVEL SHIFT
D308 RD5.1SB3-T1 LEVEL SHIFT
Q301 2SA1462-T1Y33Y34 BUFF
Q302 2SA1462-T1Y33Y34 BUFF
Q303 2SA1462-T1Y33Y34 BUFF
Q304 2SA1462-T1Y33Y34 BUFF
CN1203 9P
M_OUT
TP301 1.5Vp-p (H)
TP302 1.5Vp-p (H)
TP303 1.2Vp-p (H)
TP304 3.3 Vp-p (H)
TP305 3.3 Vp-p (V)
TP306(RED) 1.4Vp-p (H)
TP307(GREEN) 1.4Vp-p (H)
TP308(BLUE) 1.1Vp-p (H)
TP309 TP310
TP311
VIDEO RR
VIDEO RG
VIDEO RB
VCOM R
VCOM G
VCOM B
NRSBR
NRSBG
NRSBB
SCEN
DLYCNT B
DLYCNT G
DLYCNT R
NRSAB
NRSAG
NRSAR
SDA 100K
SCL 100K
DA DAT
DACLK
CLP
HSO
VSO
R OUT
G OUT
B OUT
C (2/5)
D/A CONV., DAC. CLAMP & AMP
B-SS1739-WW-C-P2


IC500
LE01030F0A
LEVEL SHIFT
IC502
CXA3512R-TR
LCD DRIVER
IC501
CXA3512R-T6
LCD DRIVER
Q500
HN1B01FU-TE85R
NRS BUF
Q501
HN1B01FU-TE85R
NRS BUF
Q502
HN1B01FU-TE85R
NRS BUF
Q503
HN1B01FU-TE85R
LEVEL BUF
Q504
2SC4081T106R
BUF
D500
1SS355TE-17
RECT
CN1205
30P
CN1206 #
TO LCD
FROM_P1
TG
FROM_P2
DAC
FROM_P2
G OUT
VIDEO RG
CAL
DLYCNT G
MCLK G
GINV
TP500
TP500(GINV)
TP501(GVID2)
TP502(GVID1)
TP201
TP202
TP203
TP204
TP205
TP206
TP207
TP208
TP209
15 Vp-p (V)
15 Vp-p (2H)
15 Vp-p (H)
15 Vp-p (2.8 MHz)
(VPL-PX10/PX15)
15 Vp-p (3.58 MHz)
(VPL-PS10)
6.8 Vp-p (2H)
4.6 Vp-p (2H)
10.2 Vp-p (2H)
+5V
+15.5V
5V-2
5V-3
15.5V
GVID1
GVID2
C (3/5)
(LEVEL SHIFT, LCD DRIVER)
B-SS1739-WW-C-P3

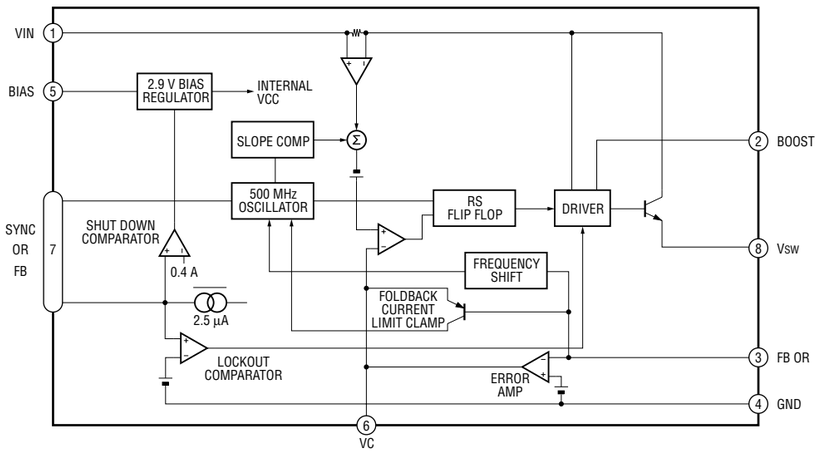

IC600
LE01030F0A
LEVEL SHIFT
IC602
CXA3512R-T6
LCD DRIVER
IC601
CXA3512R-T6
LCD DRIVER
Q600
HN1B01FU-TE85R
NRS BUF
Q601
HN1B01FU-TE85R
NRS BUF
Q602
HN1B01FU-TE85R
NRS BUF
Q603
HN1B01FU-TE85R
NRS BUF
Q604
2SC4081T106R
BUF
D600
1SS355-TE-17
RECT
TP600(RINV)
6.7Vp-p (2H)
TP601(RVID2)
10.0Vp-p (2H)
TP602(RVID1)
10.0Vp-p (2H)
CN1207
30P
CN1208 #
TO LCD
FROM_P1
FROM_P2
TG
DAC
R OUT
VIDEO RR
CAL
MCLK R
DLYCNT R
DWN
CLXR
DXR
CLYRGB
DYRGB
NRGRGB
RINV
RVID1
RVID2
R
C (4/5)
(LEVEL SHIFT, LCD DRIVER)
B-SS1739-WW-C-P4


IC700
LE01030F0A
LEVEL SHIFT
IC702
CXA3512R-TR
LCD DRIVER
IC701
CXA3512R-T6
LCD DRIVER
Q700 HN1B01FU-TE85R NRS BUF
Q701 HN1B01FU-TE85R NRS BUF
Q702 HN1B01FU-TE85R NRS BUF
Q703 HN1B01FU-TE85R NRS BUF
Q704 2SC4081T106R BUF
D700 1SS355TE-17 RECT
TP700(BINV)
6.8Vp-p (2H)
TP702(BVID1)
10.2Vp-p (2H)
TP701(BVID2)
10.2Vp-p (2H)
CN1209 30P
CN1210 #
TO LCD
FROM_P1
FROM_P2
DAC
TG
VIDEO RB
B OUT
CAL
MCLK B
DLYCNT B
BINV
BVID1
BVID2
DWN
CLXB
DXB
CLYRGB
DYRGB
NRGRGB
NRS1
NRS2
C (5/5)
LEVEL SHIFT.
LCD DRIVER
B-SS1739-WW-C-P5

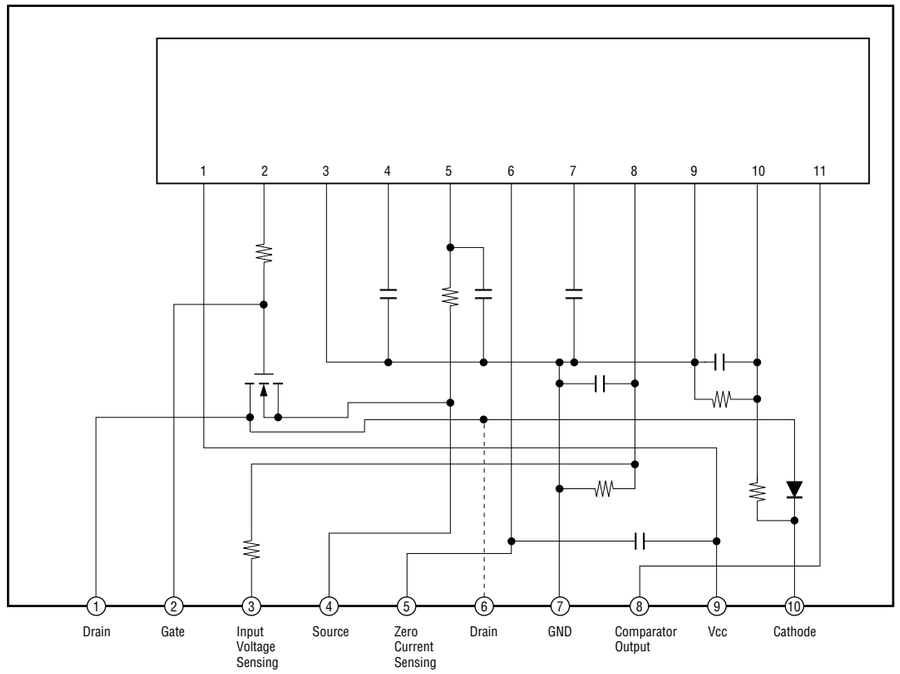
G (3/3) BA00AST-V5 (IC1109, IC1110)



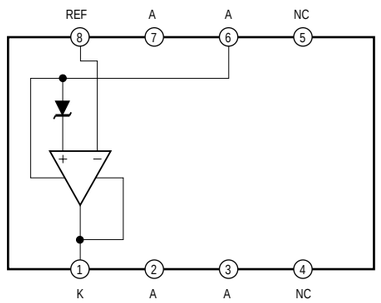
G (3/3) LT1374IS8 (IC1107)

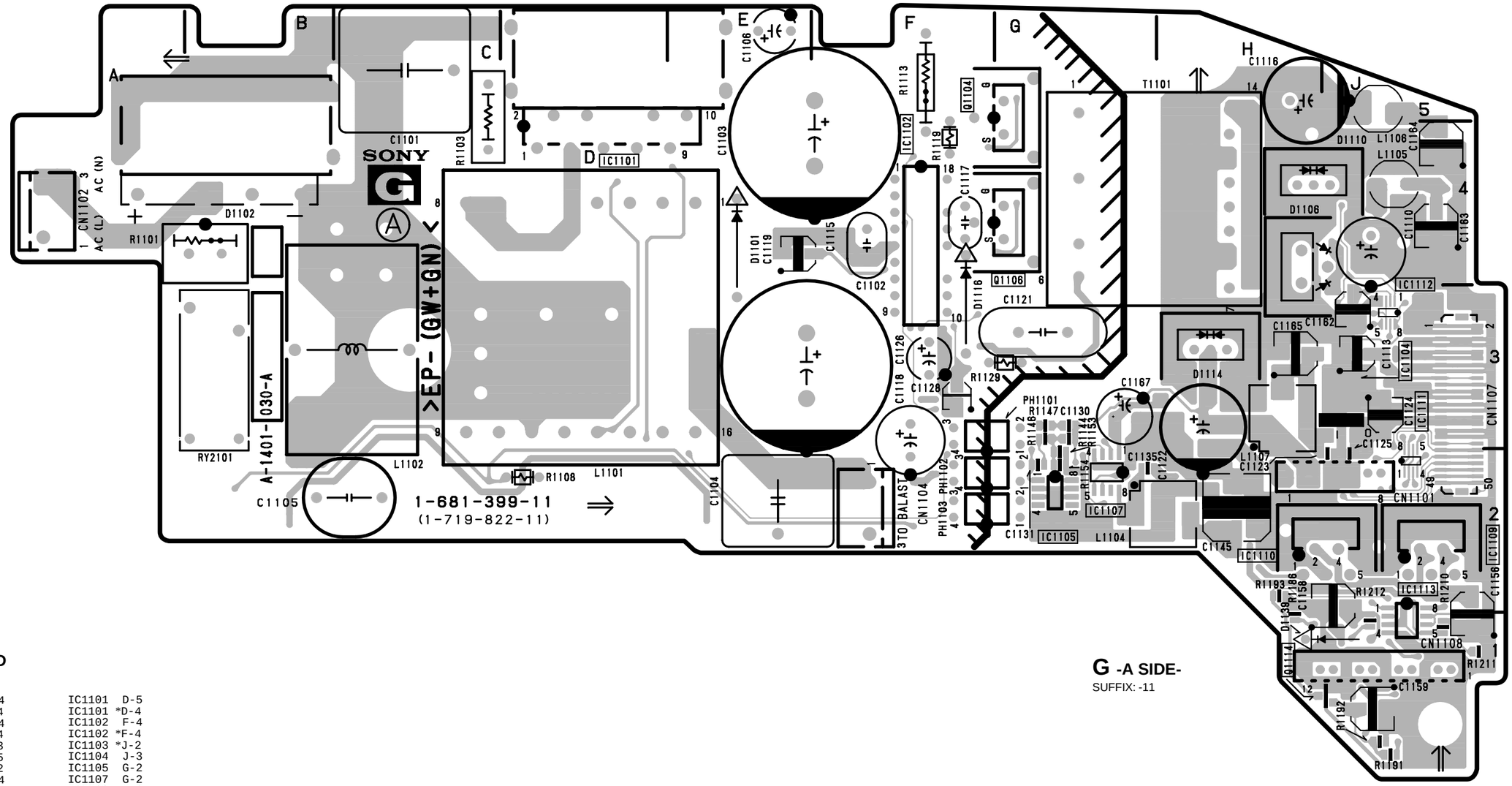


G (1/3) MZ1540 (IC1101)



G (2/3) TL431BCDR2 (IC1105)





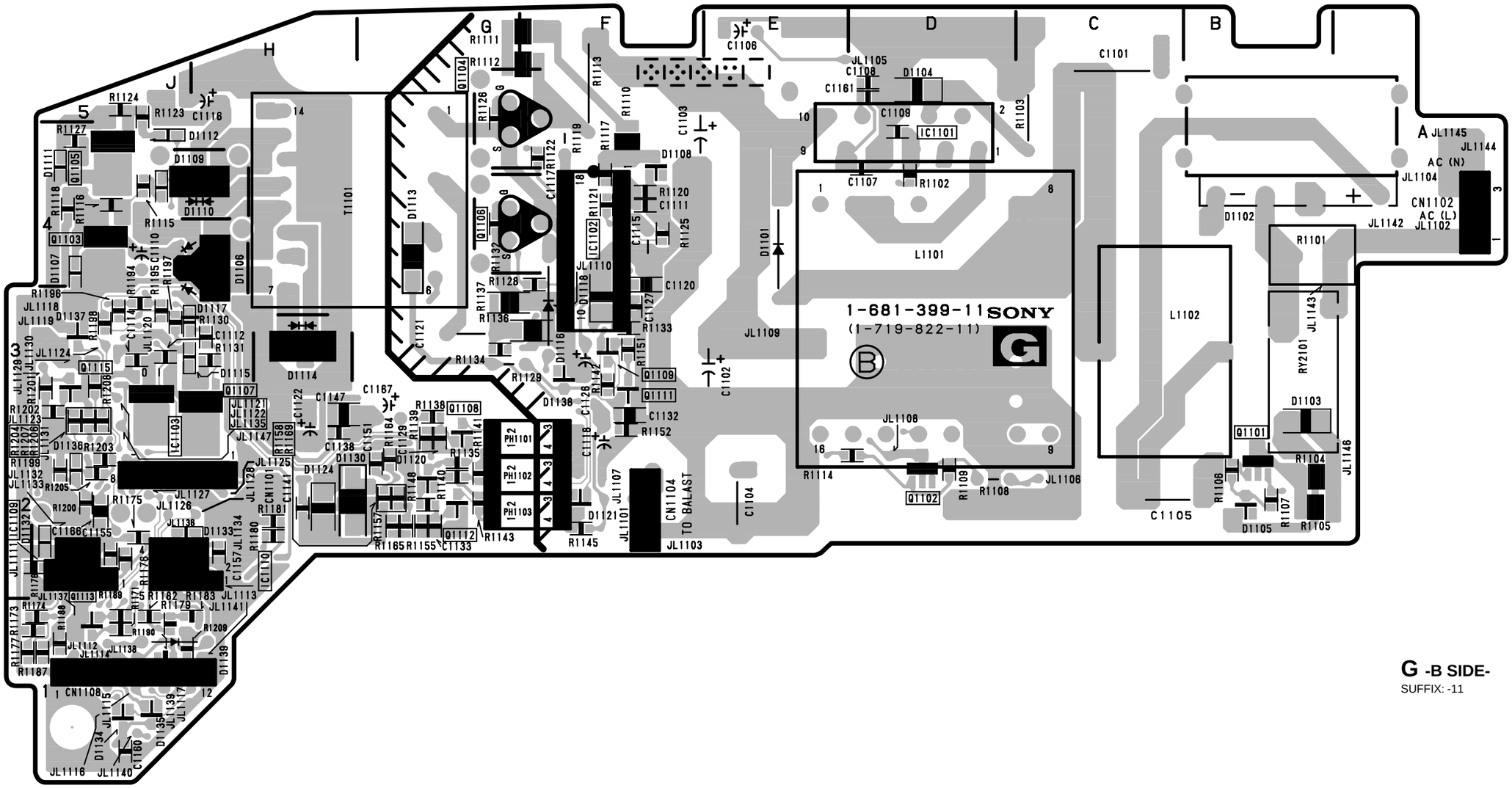
G BOARD

* : B SIDE

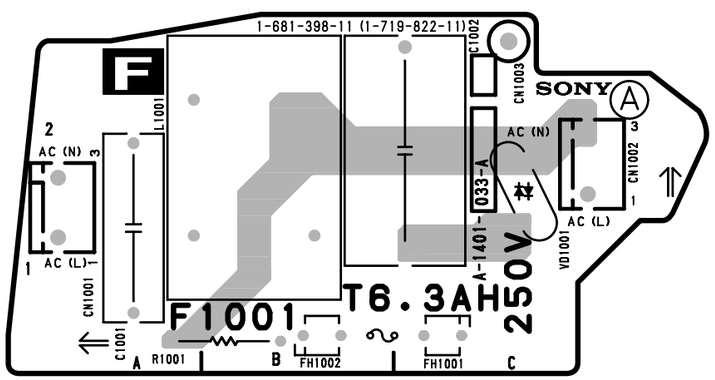
D1101	E-4	IC1101	D-5
D1101	*E-4	IC1101	*D-4
D1102	B-4	IC1102	F-4
D1102	*B-4	IC1102	*F-4
D1103	*B-3	IC1103	*J-2
D1104	*D-5	IC1104	J-3
D1105	*B-2	IC1105	G-2
D1106	H-4	IC1107	G-2
D1106	*H-4	IC1109	J-2
D1107	*J-4	IC1109	*J-2
D1108	*F-4	IC1110	J-2
D1109	*J-4	IC1110	*H-2
D1110	J-4	IC1111	J-3
D1110	*H-4	IC1112	J-3
D1111	*J-4	IC1113	J-1
D1112	*J-4		
D1113	*G-4	Q1101	*B-2
D1114	H-3	Q1102	*D-2
D1114	*H-3	Q1103	*J-4
D1116	F-4	Q1104	G-5
D1116	*F-4	Q1104	*G-5
D1117	*J-3	Q1105	*J-4
D1118	*F-4	Q1106	G-4
D1120	*G-2	Q1106	*G-4
D1121	*F-2	Q1107	*H-3
D1124	*H-2	Q1108	*G-3
D1130	*G-2	Q1109	*F-3
D1132	*J-2	Q1111	*F-3
D1133	*H-2	Q1112	*G-2
D1134	*J-1	Q1113	*J-2
D1135	*J-1	Q1114	J-1
D1136	*J-3	Q1115	*J-3
D1137	*J-3		
D1138	J-1		
D1138	*F-3		
D1139	*J-1		

G -A SIDE-

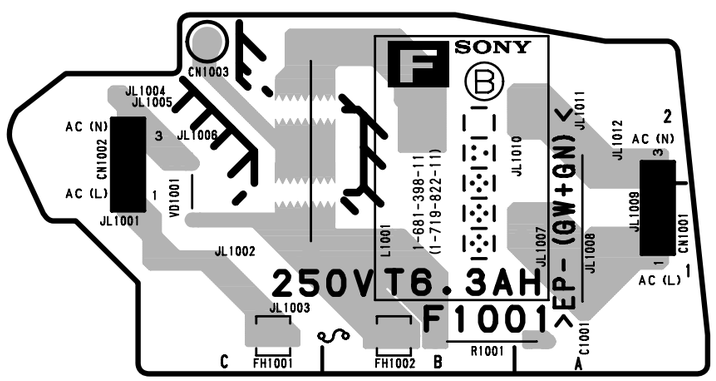
SUFFIX: -11



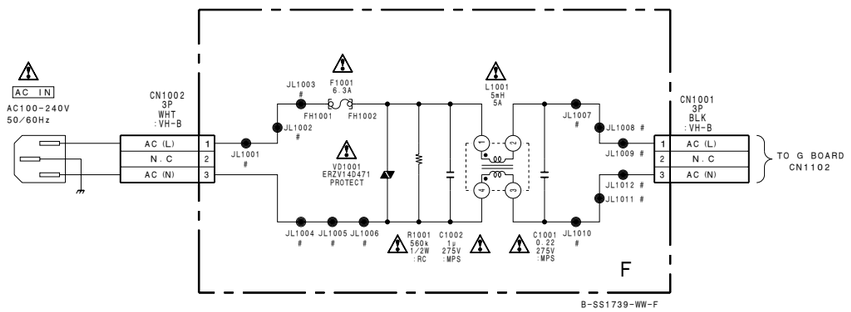
G -B SIDE-
SUFFIX: -11

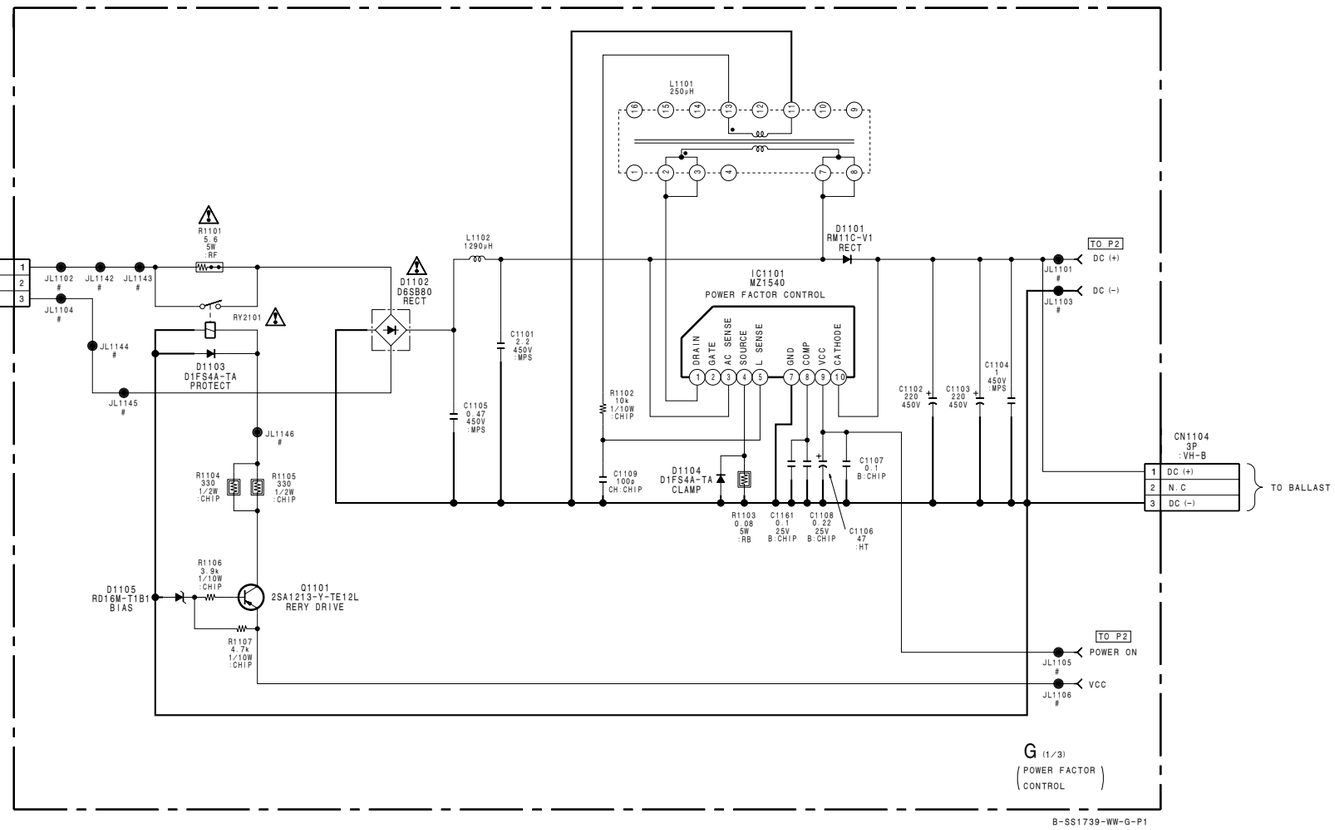


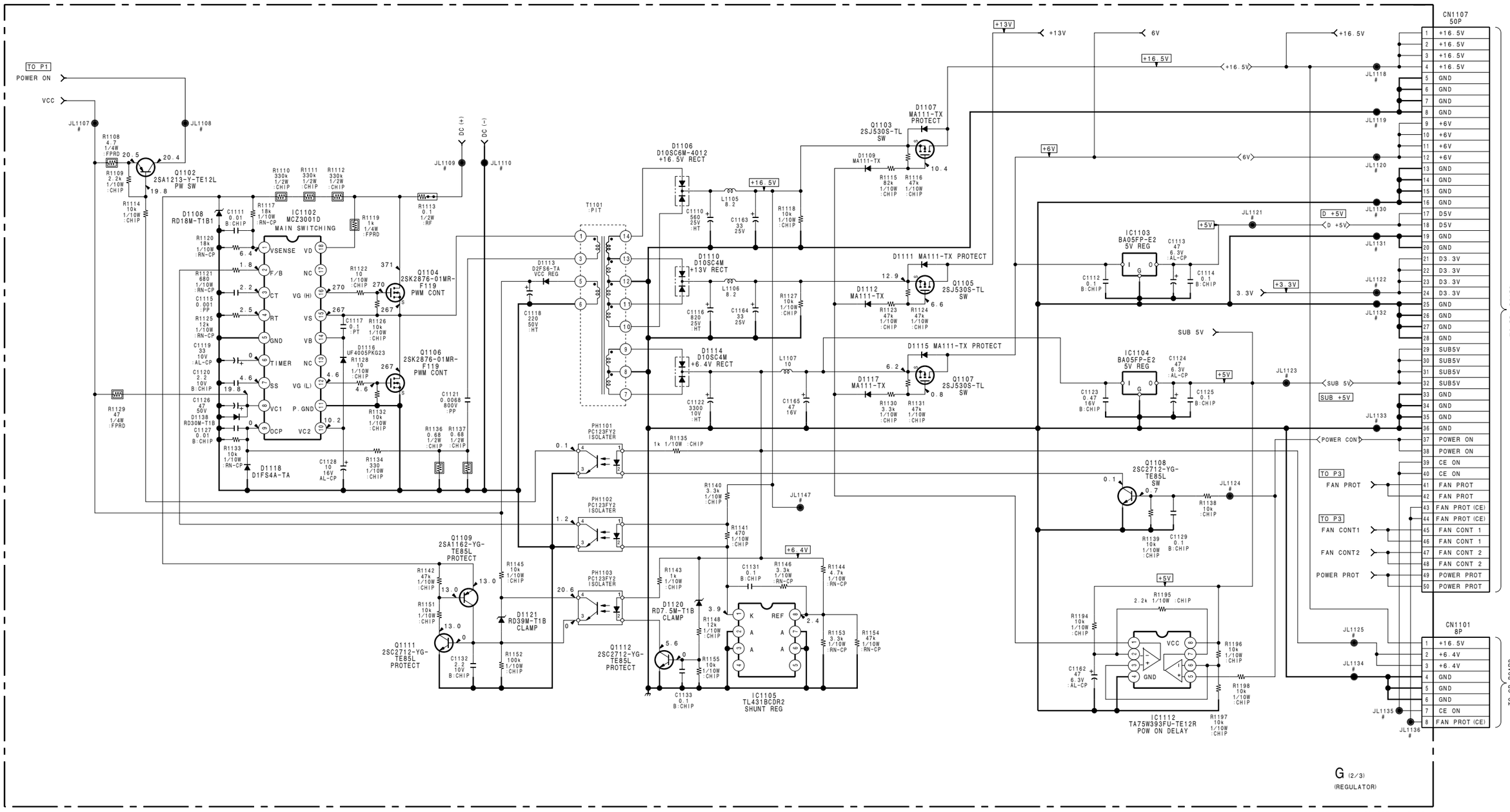
F -A SIDE-
SUFFIX: -11

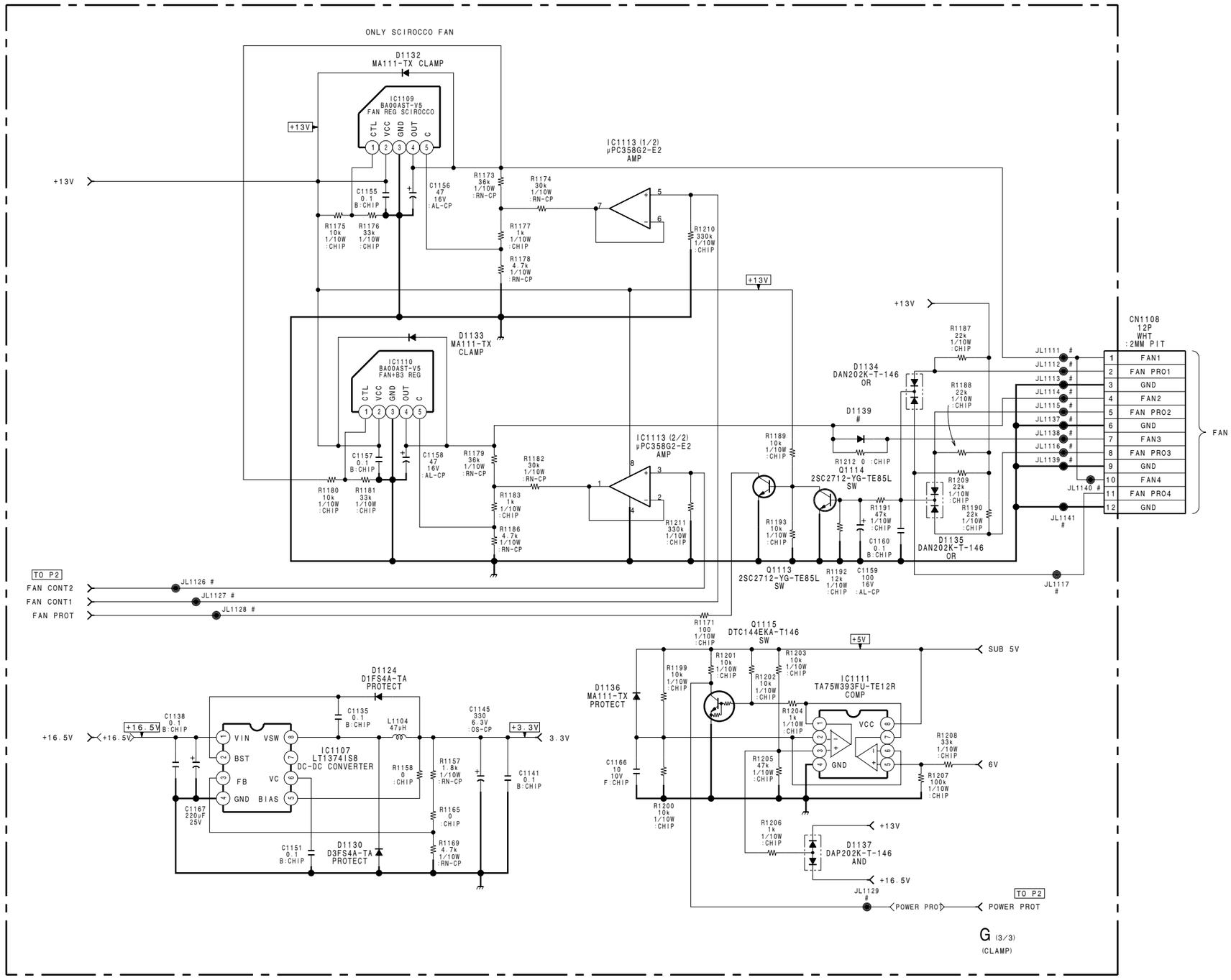


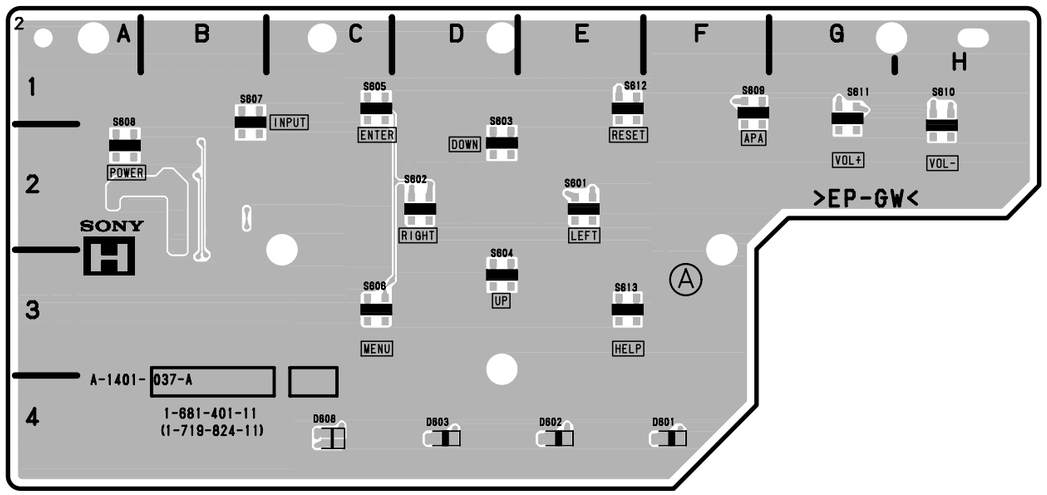
F -B SIDE-
SUFFIX: -11


AC IN
AC100-240V
50/60Hz
CN1002
3P
WHT
:VH-B
AC (L) 1
N. C 2
AC (N) 3
JL1001 #
JL1002 #
JL1003 #
F1001
6.3A
FH1001
FH1002
VD1001
ERZV14D471
PROTECT
JL1004 #
JL1005 #
JL1006 #
R1001
560k
1/2W
:RC
C1002
1s
275V
:MPS
L1001
5mH
5A
JL1007 #
C1001
0.22
275V
:MPS
JL1010 #
JL1008 #
JL1009 #
JL1012 #
JL1011 #
CN1001
3P
BLK
:VH-B
AC (L) 1
N. C 2
AC (N) 3
TO G BOARD
CN1102
F
B-SS1739-WW-F


L1101
250μH
CN1102
3P
:VH-B
FROM F
BOARD
CN1001
AC (L) 1
N. C 2
AC (N) 3
JL1102 #
JL1142 #
JL1143 #
JL1104 #
R1101
5.6
5W
:RF
RY2101
JL1144 #
D1103
D1FS4A-TA
:PROTECT
JL1145 #
JL1146 #
R1104
330
1/2W
:CHIP
R1105
330
1/2W
:CHIP
D1105
RD16M-T1B1
BIAS
R1106
3.9k
1/10W
:CHIP
Q1101
2SA1213-Y-TE12L
RERY DRIVE
R1107
4.7k
1/10W
:CHIP
L1102
1290μH
D1102
D6SB80
RECT
C1101
2.2
450V
:MPS
C1105
0.47
450V
:MPS
D1101
RM11C-V1
RECT
IC1101
MZ1540
POWER FACTOR CONTROL
DRAIN
GATE
AC SENSE
SOURCE
L. SENSE
GND
COMP
VCC
CATHODE
R1102
10k
1/10W
:CHIP
C1109
100p
CH:CHIP
D1104
D1FS4A-TA
CLAMP
R1103
0.08
5W
:RB
C1161
0.1
25V
B:CHIP
C1108
0.22
25V
B:CHIP
C1106
47
:HT
C1107
0.1
B:CHIP
C1102
220
450V
C1103
220
450V
C1104
1
450V
:MPS
TO P2
DC (+)
DC (–)
JL1101 #
JL1103 #
CN1104
3P
:VH-B
DC (+) 1
N. C 2
DC (–) 3
TO BALLAST
TO P2
POWER ON
VCC
JL1105 #
JL1106 #
G (1/3)
POWER FACTOR
CONTROL
B-SS1739-WW-G-P1


TO P1
POWER ON
VCC
JL1107
JL1108
R1108 4.7 1/4W :FPRD
R1109 2.2k 1/10W :CHIP
Q1102 2SA1213-Y-TE12L PW SW
R1114 10k 1/10W :CHIP
D1108 RD18M-T1B1
C1111 0.01 B:CHIP
R1117 18k 1/10W :RN-CP
IC1102 MCZ3001D MAIN SWITCHING
R1110 330k 1/2W :CHIP
R1111 330k 1/2W :CHIP
R1112 330k 1/2W :CHIP
R1119 1k 1/4W :FPRD
R1113 0.1 1/2W :RF
JL1109
JL1110
DC (+)
DC (-)
R1120 18k 1/10W :RN-CP
R1121 680 1/10W :RN-CP
C1115 0.001 :PP
R1125 12k 1/10W :RN-CP
C1119 33 10V :AL-CP
C1120 2.2 10V B:CHIP
C1126 47 50V
D1138 RD30M-T1B
C1127 0.01 B:CHIP
R1133 10k 1/10W :RN-CP
D1118 D1FS4A-TA
VSENSE
F/B
CT
RT
GND
TIMER
SS
VC1
OCP
VD
NC
VG (H)
VS
VB
NC
VG (L)
P. GND
VC2
R1122 10 1/10W :CHIP
Q1104 2SK2876-01MR-F119 PWM CONT
C1117 0.1 :PT
R1126 10k 1/10W :CHIP
D1116 UF4005PKG23
R1128 10 1/10W :CHIP
Q1106 2SK2876-01MR-F119 PWM CONT
C1121 0.0068 800V :PP
R1132 10k 1/10W :CHIP
R1136 0.68 1/2W :CHIP
R1137 0.68 1/2W :CHIP
C1128 10 16V AL-CP
R1134 330 1/10W :CHIP
R1129 47 1/4W :FPRD
T1101 :PIT
D1106 D10SC6M-4012 +16.5V RECT
C1110 560 25V :HT
L1105 8.2
C1163 33 25V
R1118 10k 1/10W :CHIP
D1110 D10SC4M +13V RECT
C1116 820 25V :HT
L1106 8.2
C1164 33 25V
R1127 10k 1/10W :CHIP
D1114 D10SC4M +6.4V RECT
C1122 3300 10V :HT
L1107 10
C1165 47 16V
D1113 D2FS6-TA VCC REG
C1118 220 50V :HT
PH1101 PC123FY2 ISOLATER
PH1102 PC123FY2 ISOLATER
PH1103 PC123FY2 ISOLATER
R1135 1k 1/10W :CHIP
R1140 3.3k 1/10W :CHIP
JL1147
R1141 470 1/10W :CHIP
Q1109 2SA1162-YG-TE85L PROTECT
R1142 47k 1/10W :CHIP
R1145 10k 1/10W :CHIP
R1151 10k 1/10W :CHIP
D1121 RD39M-T1B CLAMP
Q1111 2SC2712-YG-TE85L PROTECT
C1132 2.2 10V B:CHIP
R1152 100k 1/10W :CHIP
Q1112 2SC2712-YG-TE85L PROTECT
D1120 RD7.5M-T1B CLAMP
R1143 1k 1/10W :CHIP
R1148 12k 1/10W :CHIP
R1155 10k 1/10W :CHIP
C1133 0.1 B:CHIP
+6.4V
C1131 0.1 B:CHIP
R1146 3.3k 1/10W :RN-CP
R1144 4.7k 1/10W :RN-CP
IC1105 TL431BCDR2 SHUNT REG
R1153 3.3k 1/10W :RN-CP
R1154 47k 1/10W :RN-CP
+13V
+16.5V
+6V
+5V
+3.3V
D1107 MA111-TX PROTECT
Q1103 2SJ530S-TL SW
D1109 MA111-TX
R1115 82k 1/10W :CHIP
R1116 47k 1/10W :CHIP
D1111 MA111-TX PROTECT
D1112 MA111-TX
R1123 47k 1/10W :CHIP
R1124 47k 1/10W :CHIP
Q1105 2SJ530S-TL SW
D1115 MA111-TX PROTECT
D1117 MA111-TX
R1130 3.3k 1/10W :CHIP
R1131 47k 1/10W :CHIP
Q1107 2SJ530S-TL SW
JL1118
JL1119
JL1120
JL1121
JL1130
JL1131
JL1122
JL1132
JL1123
JL1133
JL1124
JL1125
JL1134
JL1135
JL1136
IC1103 BA05FP-E2 5V REG
C1112 0.1 B:CHIP
C1113 47 6.3V :AL-CP
C1114 0.1 B:CHIP
SUB 5V
IC1104 BA05FP-E2 5V REG
C1123 0.47 16V B:CHIP
C1124 47 6.3V :AL-CP
C1125 0.1 B:CHIP
Q1108 2SC2712-YG-TE85L SW
R1138 10k :CHIP
R1139 10k 1/10W :CHIP
C1129 0.1 B:CHIP
R1195 2.2k 1/10W :CHIP
R1194 10k :CHIP
R1196 10k 1/10W :CHIP
C1162 47 6.3V :AL-CP
R1198 10k 1/10W :CHIP
R1197 10k 1/10W :CHIP
IC1112 TA75W393FU-TE12R POW ON DELAY
VCC
GND
CN1107 50P
+16.5V
GND
+6V
D5V
D+5V
D3.3V
SUB5V
SUB +5V
POWER CON
POWER ON
CE ON
TO P3
FAN PROT
FAN CONT1
FAN CONT2
POWER PROT
TO BB BOARD CN801
CN1101 8P
+16.5V
+6.4V
CE ON
FAN PROT (CE)
TO GB BOARD CN1301
G (2/3)
(REGULATOR)
B-SS1739-WW-G-P2

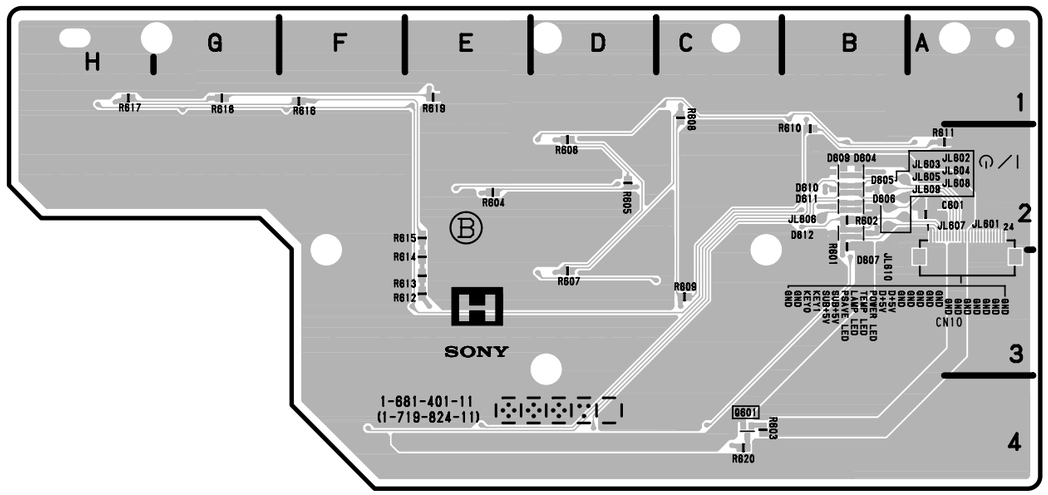

ONLY SCIROCCO FAN
D1132
MA111-TX CLAMP
IC1109
BA00AST-V5
FAN REG SCIROCCO
CTL VCC GND OUT C
+13V
IC1113 (1/2)
μPC358G2-E2
AMP
C1155 0.1 B:CHIP
C1156 47 16V :AL-CP
R1173 36k 1/10W :RN-CP
R1174 30k 1/10W :RN-CP
R1175 10k 1/10W :CHIP
R1176 33k 1/10W :CHIP
R1177 1k 1/10W :CHIP
R1178 4.7k 1/10W :RN-CP
R1210 330k 1/10W :CHIP
D1133
MA111-TX CLAMP
IC1110
BA00AST-V5
FAN+B3 REG
C1157 0.1 B:CHIP
C1158 47 16V :AL-CP
R1179 36k 1/10W :RN-CP
R1180 10k 1/10W :CHIP
R1181 33k 1/10W :CHIP
R1182 30k 1/10W :RN-CP
R1183 1k 1/10W :CHIP
R1186 4.7k 1/10W :RN-CP
IC1113 (2/2)
μPC358G2-E2
AMP
R1211 330k 1/10W :CHIP
D1134
DAN202K-T-146
OR
D1139
#
R1212 0 :CHIP
R1187 22k 1/10W :CHIP
R1188 22k 1/10W :CHIP
R1189 10k 1/10W :CHIP
Q1114
2SC2712-YG-TE85L
SW
R1191 47k 1/10W :CHIP
R1193 10k 1/10W :CHIP
R1209 22k 1/10W :CHIP
R1190 22k 1/10W :CHIP
D1135
DAN202K-T-146
OR
C1160 0.1 B:CHIP
Q1113
2SC2712-YG-TE85L
SW
R1192 12k 1/10W :CHIP
C1159 100 16V :AL-CP
CN1108
12P
WHT
:2MM PIT
JL1111 #
JL1112 #
JL1113 #
JL1114 #
JL1115 #
JL1137 #
JL1138 #
JL1116 #
JL1139 #
JL1140 #
JL1141 #
JL1117 #
1 FAN1
2 FAN PRO1
3 GND
4 FAN2
5 FAN PRO2
6 GND
7 FAN3
8 FAN PRO3
9 GND
10 FAN4
11 FAN PRO4
12 GND
FAN
TO P2
FAN CONT2
FAN CONT1
FAN PROT
JL1126 #
JL1127 #
JL1128 #
D1124
D1FS4A-TA
PROTECT
C1135 0.1 B:CHIP
L1104 47μH
C1145 330 6.3V :OS-CP
C1138 0.1 B:CHIP
+16.5V
+3.3V
3.3V
IC1107
LT1374IS8
DC-DC CONVERTER
VIN VSW BST FB VC GND BIAS
C1167 220UF 25V
R1158 0 :CHIP
R1157 1.8k 1/10W :RN-CP
R1165 0 :CHIP
R1169 4.7k 1/10W :RN-CP
C1141 0.1 B:CHIP
C1151 0.1 B:CHIP
D1130
D3FS4A-TA
PROTECT
Q1115
DTC144EKA-T146
SW
R1171 100 1/10W :CHIP
+5V
SUB 5V
D1136
MA111-TX
PROTECT
R1199 10k 1/10W :CHIP
R1201 10k 1/10W :CHIP
R1202 10k 1/10W :CHIP
R1203 10k 1/10W :CHIP
IC1111
TA75W393FU-TE12R
COMP
VCC GND
R1204 1k 1/10W :CHIP
R1205 47k 1/10W :CHIP
R1208 33k 1/10W :CHIP
6V
R1207 100k 1/10W :CHIP
C1166 10 10V F:CHIP
R1200 10k 1/10W :CHIP
R1206 1k 1/10W :CHIP
+13V
D1137
DAP202K-T-146
AND
+16.5V
JL1129 #
POWER PROT
TO P2
POWER PROT
G (3/3)
(CLAMP)
B-SS1739-WW-G-P3



H BOARD

* : B SIDE

D601 F-4
D602 E-4
D603 D-4
D604 *B-2
D605 *B-2
D606 *B-2
D607 *B-3
D608 C-4
D609 *B-2
D610 *B-2
D611 *B-2
D612 *B-2
Q801 *C-4

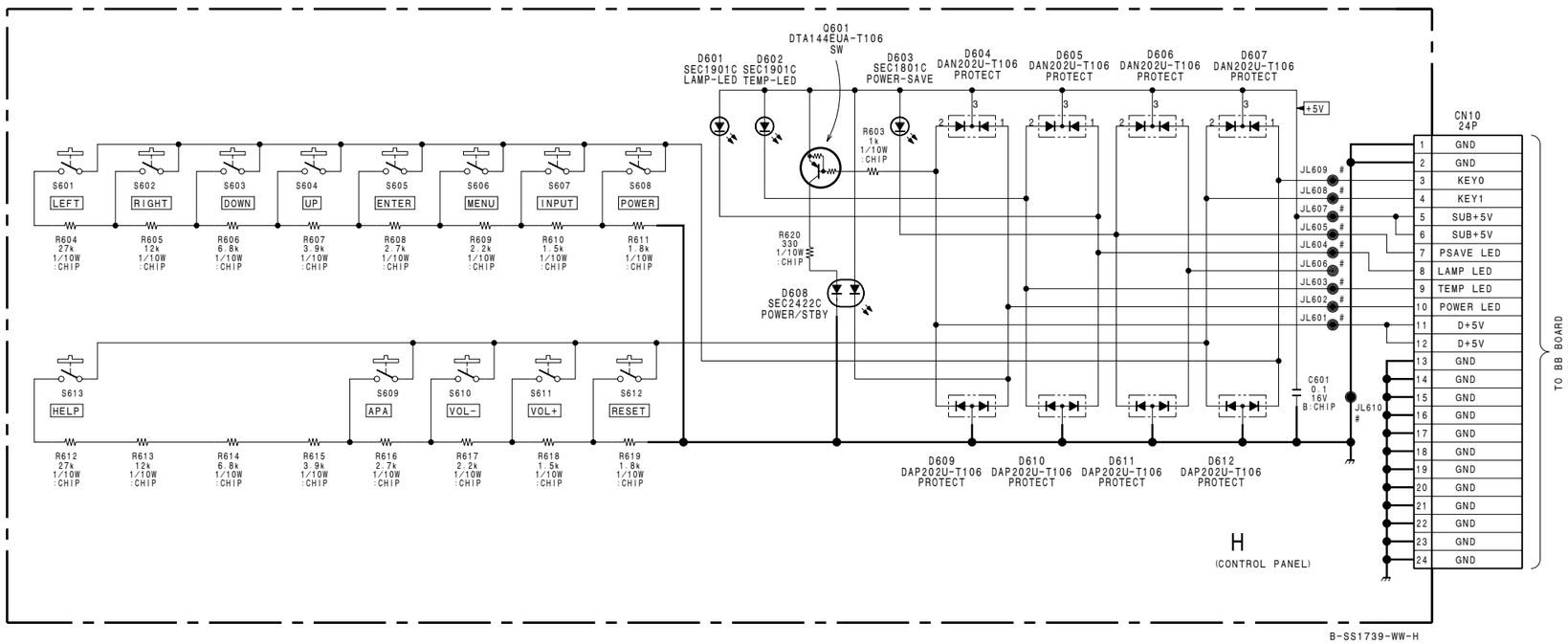


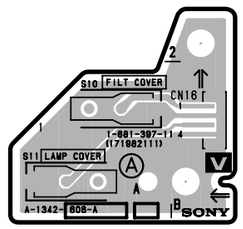
H -A SIDE-

SUFFIX: -11

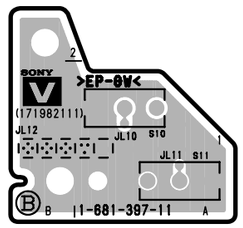
H -B SIDE-

SUFFIX: -11

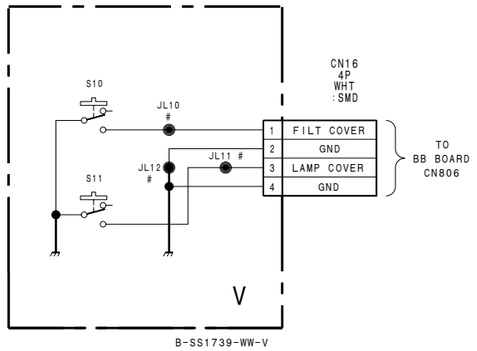


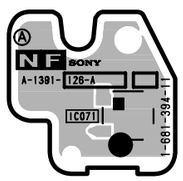


V -A SIDE-
SUFFIX: -11

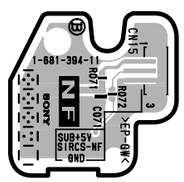


V -B SIDE-
SUFFIX: -11





NF -A SIDE-
SUFFIX: -11



NF -B SIDE-
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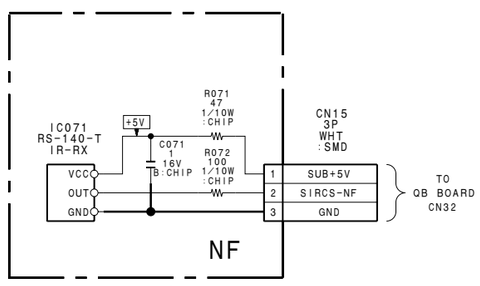
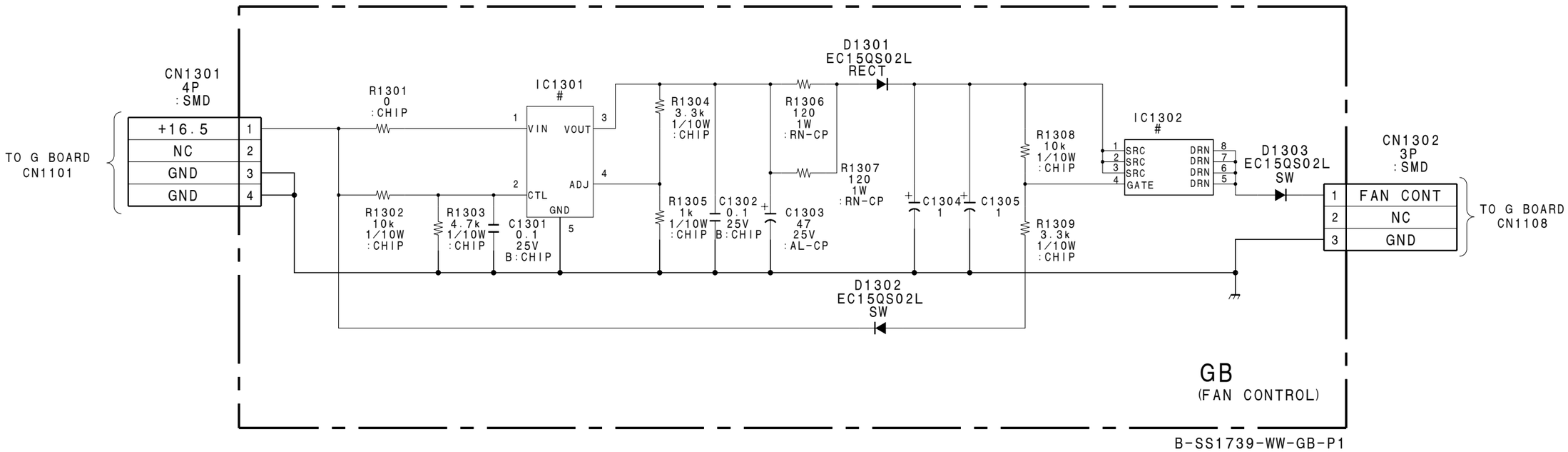
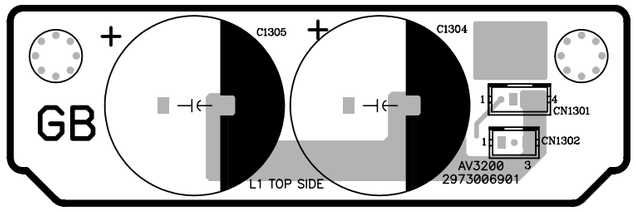
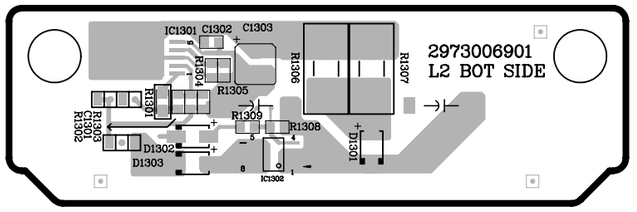






GB -A SIDE-
SUFFIX: -11



GB -B SIDE-
SUFFIX: -11

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

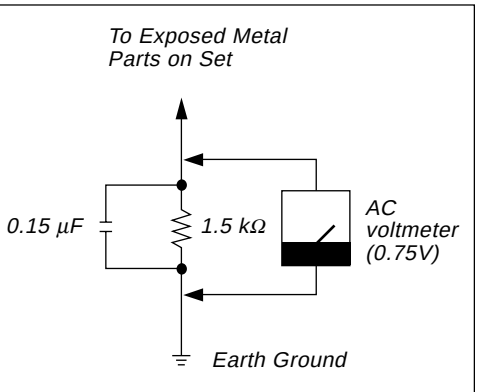


Fig A. Using an AC voltmeter to check AC leakage.

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